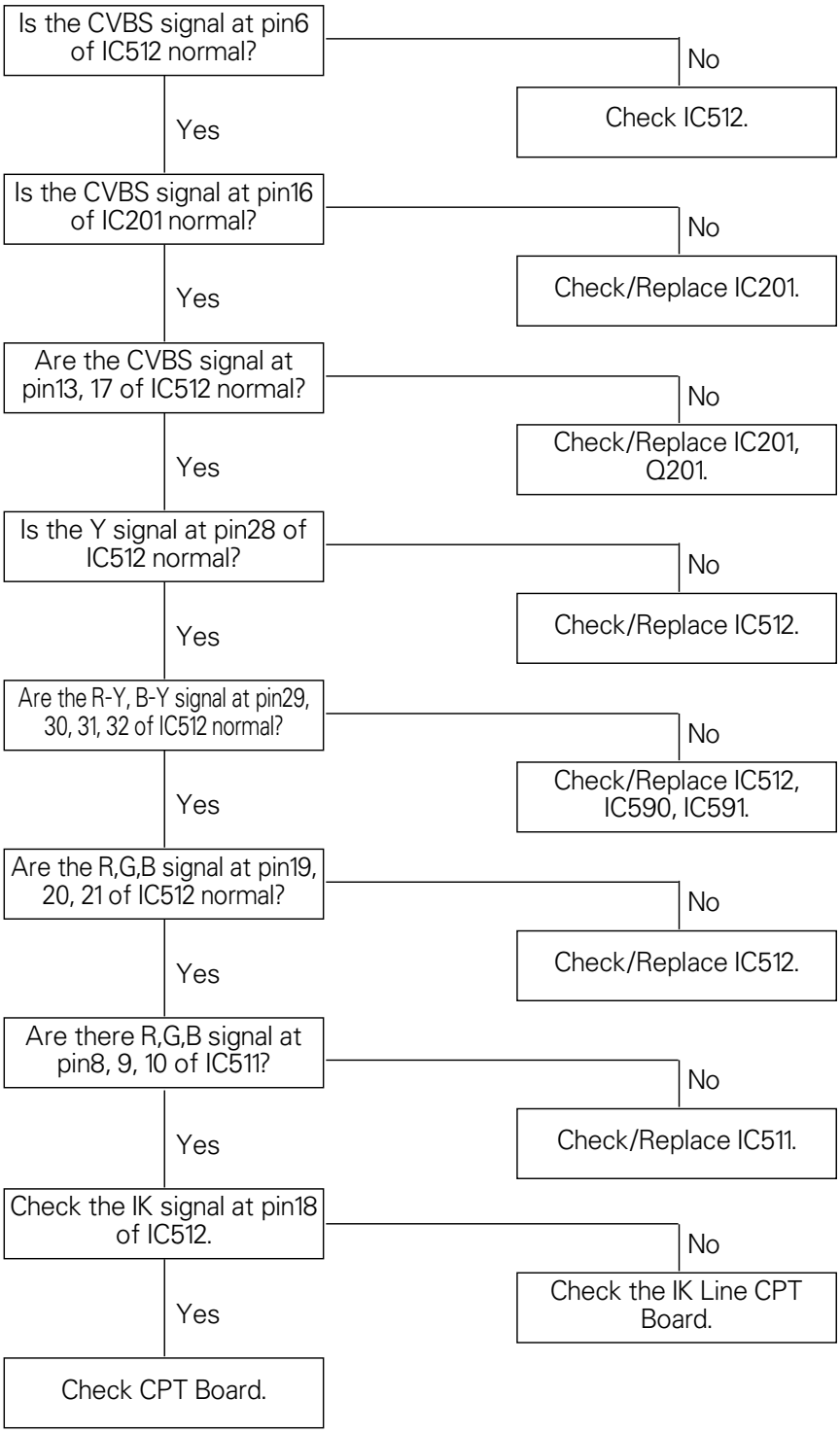
GOLDSTAR CHAS. MC74A

MODEL

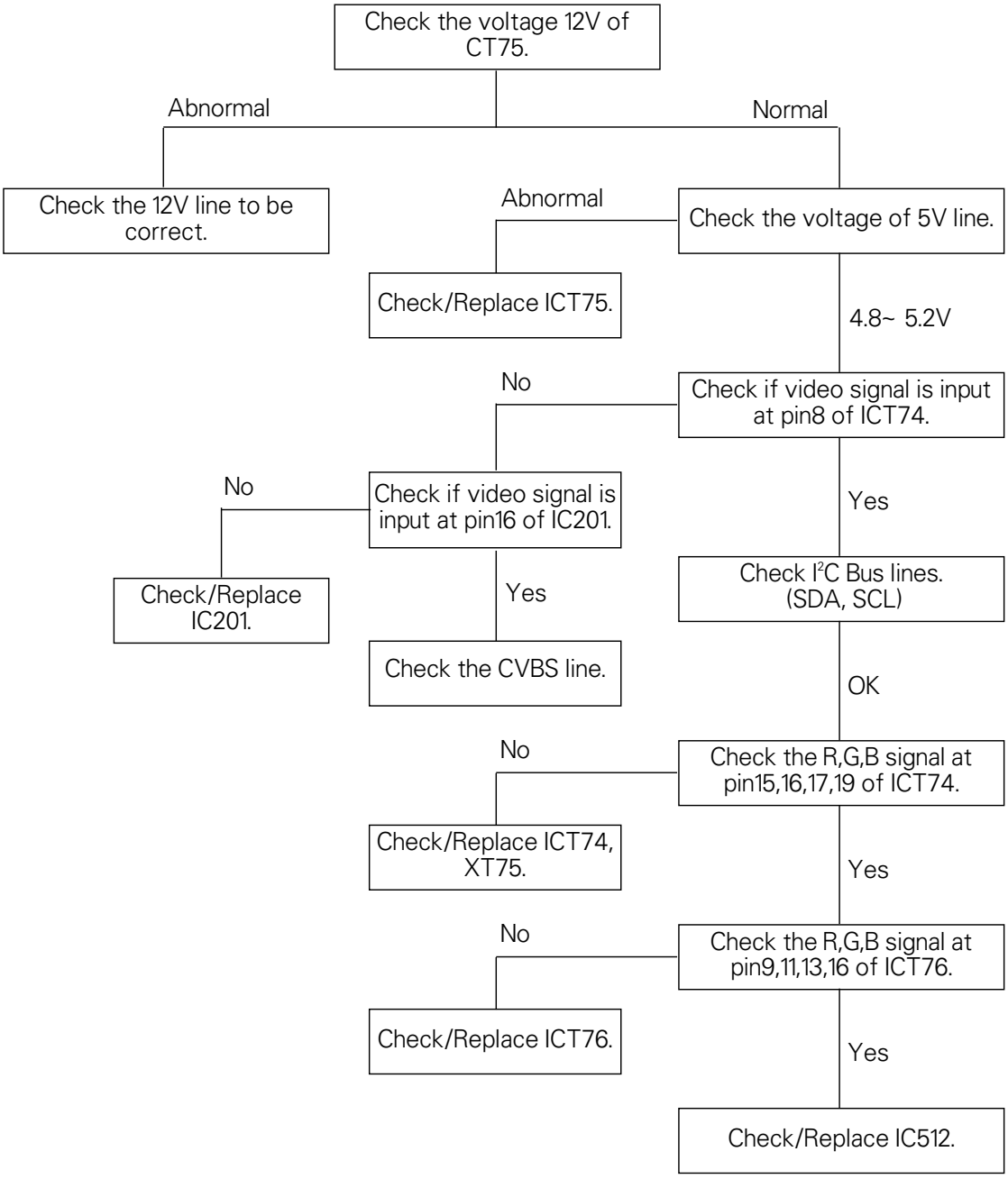
SERVICE MANUAL

TROUBLESHOOTING

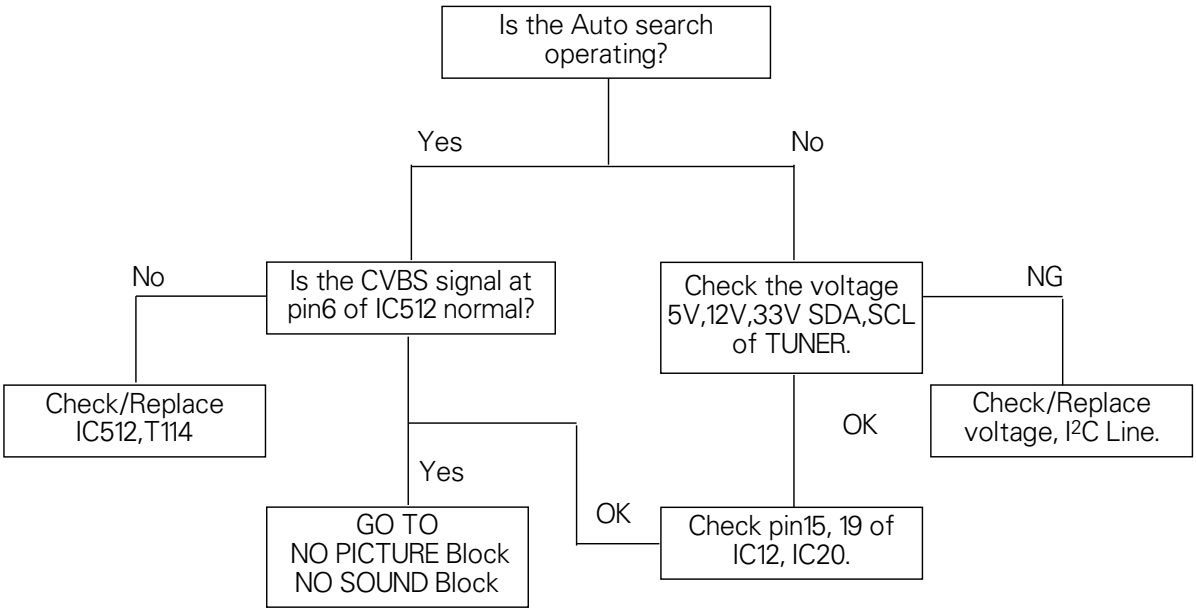
NO PICTURE/ NO COLOR



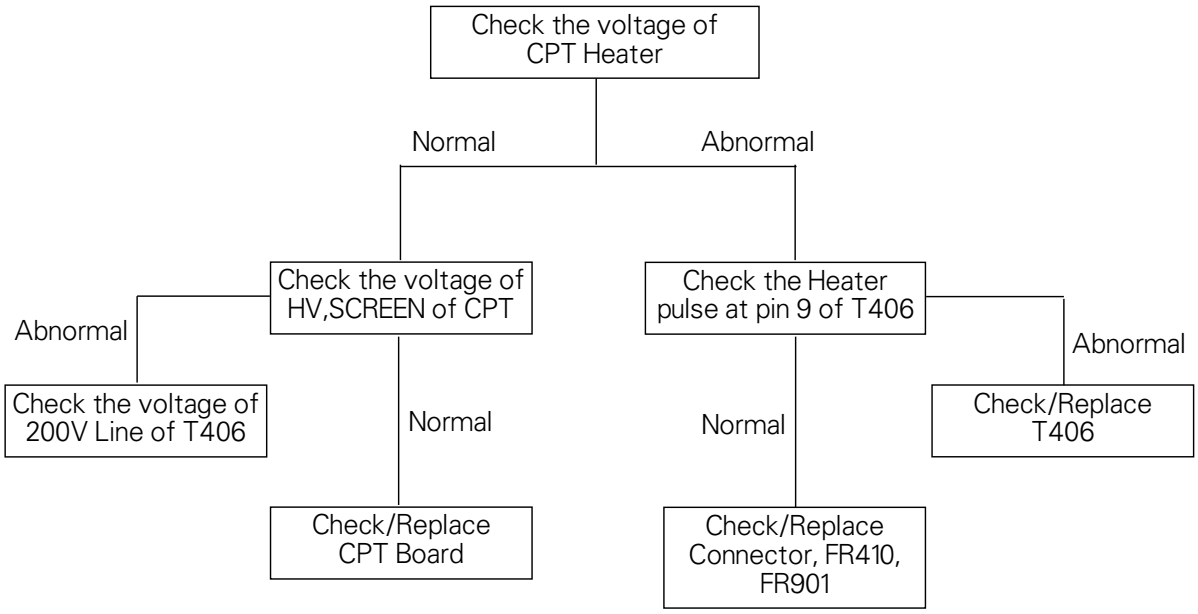
NO TELETEXT


Check the voltage 12V of CT75.
Abnormal
Normal
Check the 12V line to be correct.
Abnormal
Check the voltage of 5V line.
Check/Replace ICT75.
4.8~ 5.2V
No
Check if video signal is input at pin8 of ICT74.
No
Check if video signal is input at pin16 of IC201.
Yes
Check/Replace IC201.
Yes
Check I²C Bus lines. (SDA, SCL)
Check the CVBS line.
OK
No
Check the R,G,B signal at pin15,16,17,19 of ICT74.
Check/Replace ICT74, XT75.
Yes
No
Check the R,G,B signal at pin9,11,13,16 of ICT76.
Check/Replace ICT76.
Yes
Check/Replace IC512.

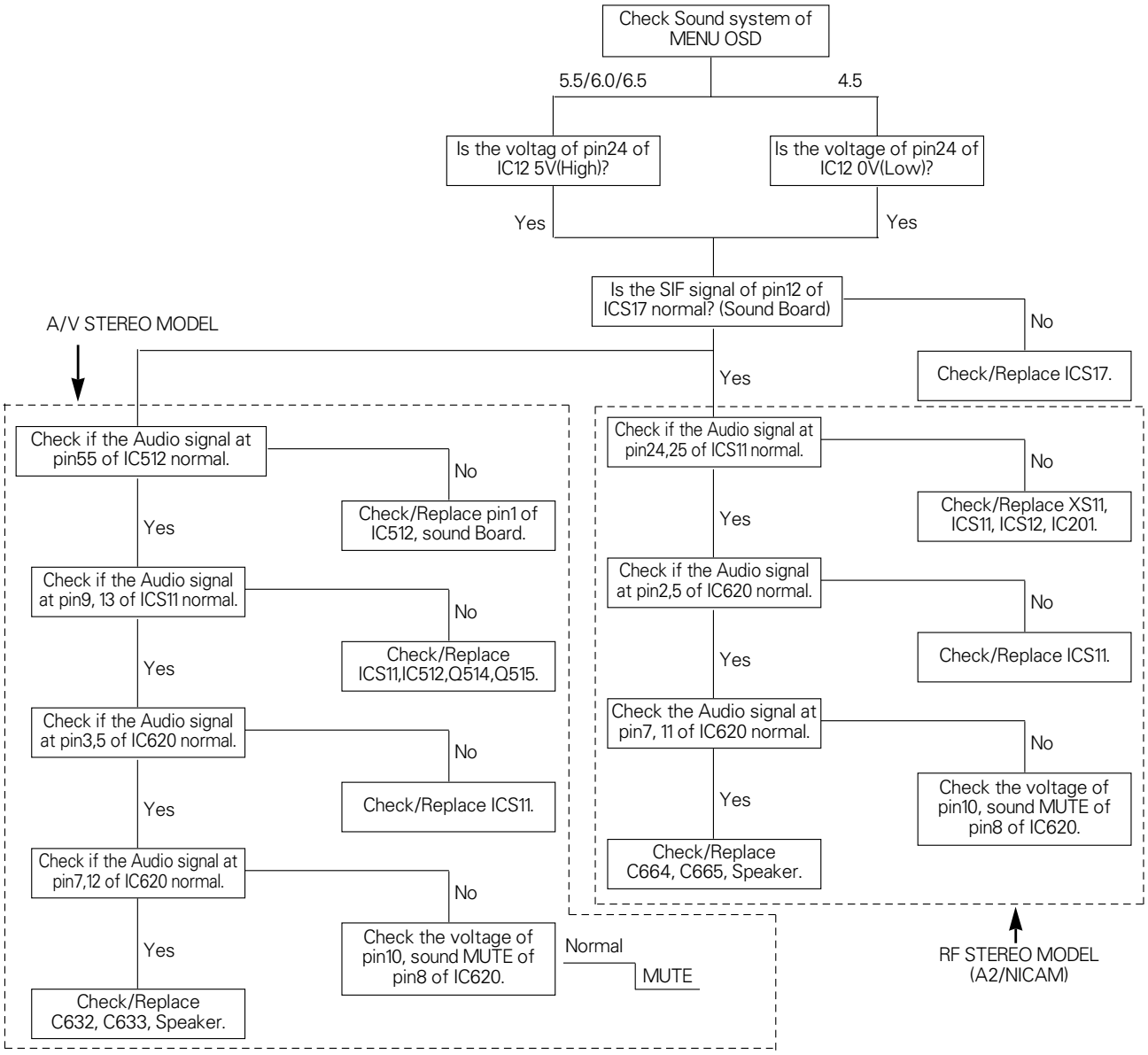
NO PICTURE/NO SOUND (RASTER OK)



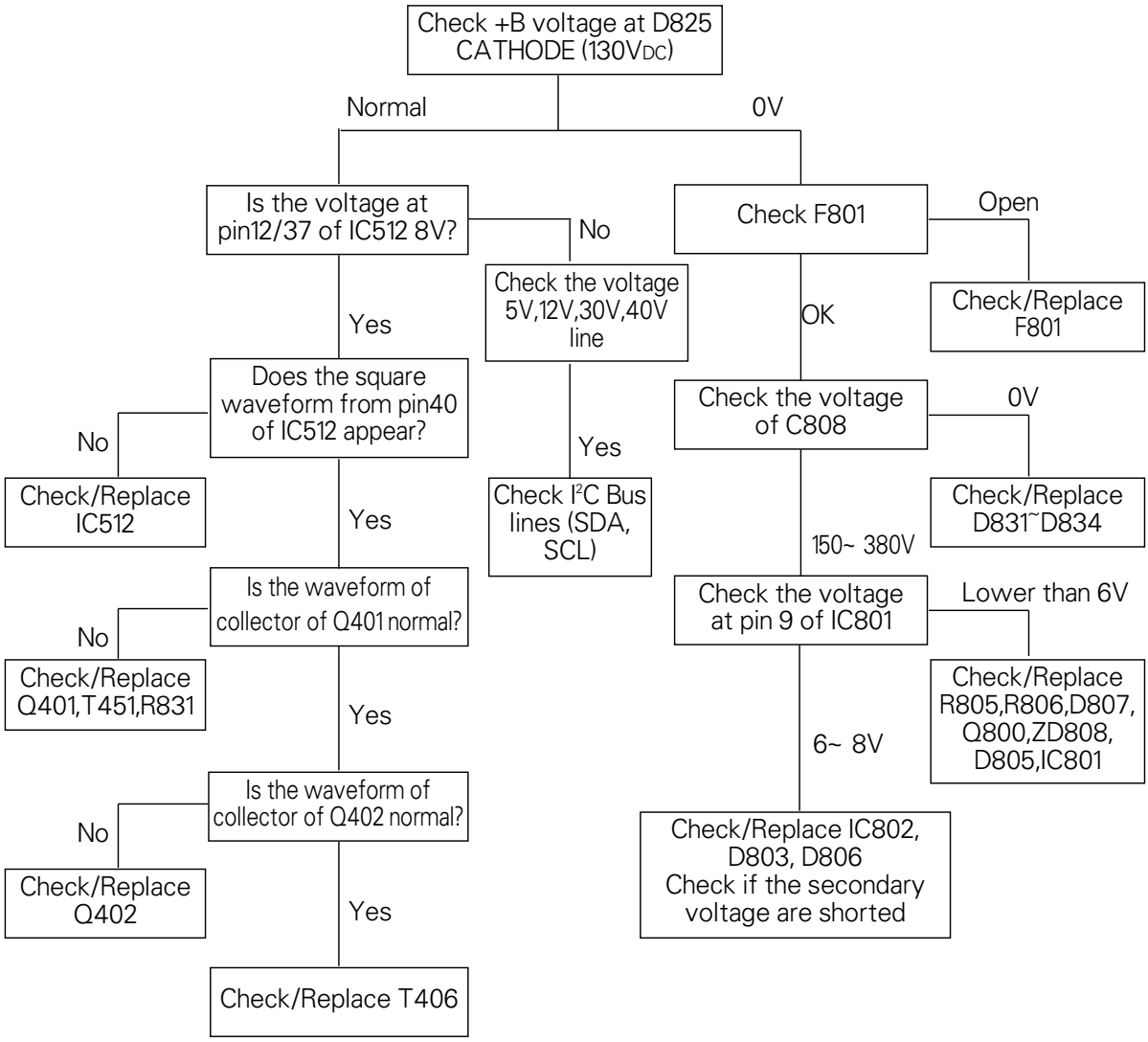
NO RASTER (SOUND OK)



NO SOUND
(PICTURE OK)


Check Sound system of MENU OSD
5.5/6.0/6.5
4.5
Is the voltag of pin24 of IC12 5V(High)?
Is the voltage of pin24 of IC12 0V(Low)?
Yes
Yes
Is the SIF signal of pin12 of ICS17 normal? (Sound Board)
No
Check/Replace ICS17.
Yes
A/V STEREO MODEL
Check if the Audio signal at pin55 of IC512 normal.
No
Check/Replace pin1 of IC512, sound Board.
Yes
Check if the Audio signal at pin9, 13 of ICS11 normal.
No
Check/Replace ICS11,IC512,Q514,Q515.
Yes
Check if the Audio signal at pin3,5 of IC620 normal.
No
Check/Replace ICS11.
Yes
Check if the Audio signal at pin7,12 of IC620 normal.
No
Check the voltage of pin10, sound MUTE of pin8 of IC620.
Normal
MUTE
Yes
Check/Replace C632, C633, Speaker.
Check if the Audio signal at pin24,25 of ICS11 normal.
No
Check/Replace XS11, ICS11, ICS12, IC201.
Yes
Check if the Audio signal at pin2,5 of IC620 normal.
No
Check/Replace ICS11.
Yes
Check the Audio signal at pin7, 11 of IC620 normal.
No
Check the voltage of pin10, sound MUTE of pin8 of IC620.
Yes
Check/Replace C664, C665, Speaker.
RF STEREO MODEL (A2/NICAM)

NO RASTER


Check +B voltage at D825 CATHODE (130VDC)
Normal
0V
Is the voltage at pin12/37 of IC512 8V?
No
Check the voltage 5V,12V,30V,40V line
Yes
Check I²C Bus lines (SDA, SCL)
Yes
Does the square waveform from pin40 of IC512 appear?
No
Check/Replace IC512
Yes
Is the waveform of collector of Q401 normal?
No
Check/Replace Q401,T451,R831
Yes
Is the waveform of collector of Q402 normal?
No
Check/Replace Q402
Yes
Check/Replace T406
Check F801
Open
Check/Replace F801
OK
Check the voltage of C808
0V
Check/Replace D831~D834
150~ 380V
Check the voltage at pin 9 of IC801
Lower than 6V
Check/Replace R805,R806,D807, Q800,ZD808, D805,IC801
6~ 8V
Check/Replace IC802, D803, D806
Check if the secondary voltage are shorted

ADJUSTMENT INSTRUCTIONS

■ Safety precautions

1. It is safe to adjust after using insulating transformer between the power supply line and chassis input to prevent the risk of electric shock and protect the instrument.
2. Never disconnect leads while the TV receiver is on.
3. Don't short any portion of circuits while power is on.
4. The adjustment must be done by the correct appliances. But this is changeable in view of productivity.
5. Unless otherwise noted, set the line voltage to 100~ 270Vac, 50Hz.

■ Test Equipment required

1. VIF sweep generator/Alignment scope
2. Color bar/cross-hatch pattern generator
3. DC power supply
4. Digital multi-meter
5. Color analyzer
6. Oscilloscope

1. SIF adjustment

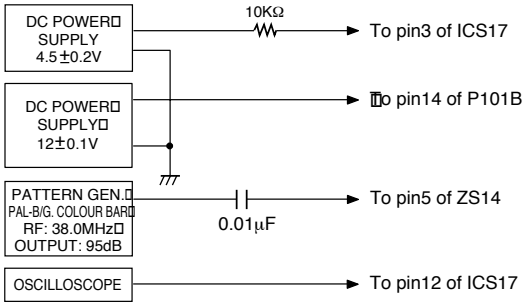


Fig.1: Connection Diagram of Equipment for SIF adjustment

Test Point	: Pin12 of ICS17 (SUB Board)
Adjust	: LS12 (SUB Board)

1) Connect the measuring equipment to the TV as shown in Fig.1.
2) Set RF output level of Sweep S.G (Signal Generator) to 95dBuV.
3) Set Alignment Scope, Volts/Div to 100mV, AC/DC switch to AC, Line/Ext switch to Ext.
4) Adjust SIF COIL (LS12) on SUB Board until the bottom of 38.0MHz mark is on the center line as Fig.2.

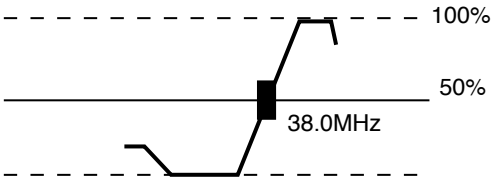


Fig.2: SIF Adjustment waveform

2. VCO (Voltage Controlled Oscillator) Adjustment

Test Point	: Observing display
Adjust	: A-PLL ► (SVC-0 mode)

1) Input the COLOR BAR pattern with RF frequency is 175.25MHz and 65dB.
2) Press the OK buttons on both of Control Board and Remote Controller at the same time to get into SVC-0 mode.
3) Press CH UP/DOWN (▲/▼) button to select A-PLL ► .
4) Press VOL +(►) button and the VCO will be adjusted automatically.
5) Press OK(■) button to memorize the adjusted data.

3. RF AGC (Auto Gain Control)Adjustment

Test Point:	TP1 (J173) on Main Board
Adjust:	AGC 28 (SVC-0 mode)

The RF AGC was aligned at the time of manufacture for optimum performance over a wide range conditions. Readjust should not be necessary unless unusual local conditions exist, such as:

1) Channel interference in a CATV system.
2) Picture bending and/or color beats, which are unusually due to excessive RF signal input when the receiver is too close to a transmitting tower or when the receiver is connected to an antenna distribution system where the RF signal has been amplified.
   In this case, the input signal should be attenuated (with pad or filter) to a satisfactory level.
3) Picture noise is caused by "broadcast noise" or weak signal. If the broadcast is "clean" and the RF signal is at least 1mV (60dBuV), the picture will be noise free in any area.

Adjusting the RF AGC to one end will usually cause a relatively poor signal to noise ratio;
Adjusting to the other end will usually cause a degradation of over load capabilities resulting in color beats or adjacent channel reference.
For best results, adjust the while performing on all over local channels, or the voltage at J173(Main Board) will be 5.8±0.1Vdc in RF level 65±1dBuV.

1) Input the COLOR BAR pattern of PAL-B/G 65dB.
2) Connect the Multimeter to AGC test point TP1 (J173).
3) Press the OK buttons on both of Control Board and Remote Controller at the same time to get into SVC-0 mode.
4) Press CH UP/DOWN (▲/▼) button to select AGC 28 .
5) Press VOL UP/DOWN (◄ / ►) button until the voltage of TP1 (J173) is 5.8±0.1Vdc.
6) Press OK(■) button to memorize the adjusted data.

4. Vertical/Horizontal/E-W(East-West) Adjustment

NOTE: These adjustments are already aligned at the time of manufacture for optimum performance. Readjust of them should not be necessary unless IC2(EEPROM) is defective. Because all the information of these adjustment are memorized in that IC.

1) Tune the TV set to receive a digital pattern unless otherwise noted.
2) Press the OK buttons on both of Control Board and Remote Controller at the same time.
3) Press the yellow button on the Remote Controller to select SVC-1 mode.
4) Press CH UP/DOWN (▲/▼) button for desirous function adjustment.
5) Press VOL UP/DOWN (◄/►) button for correct picture.
6) Press OK(■) button to memorize the adjusted data.

Adjustment

HS (Horizontal Shift)
Adjust so that vertical center line of the digital pattern is in accord with geometric vertical center of the picture tube.

VS (Vertical Shift)
Adjust so that the horizontal center line of digital circle pattern is in accord with geometric horizontal center of the picture tube.

VL (Vertical Linearity)
Adjust so that the boundary line between upper and lower half is in accord with vertical blanking line.

VA (Vertical Height)
Adjust inside of the circle at top and bottom display.

EW (East-West Width)
Adjust so that digital circle pattern looks like exact circle.

EP (East-west Parabolar)
Adjust so that middle portion of the outermost left and right vertical parallel with vertical lines of the picture tube.

EC (East-west Coner)
Adjust so that the vertical line at every 4 corners of the screen looks like parallel with the vertical lines of the picture tube.

ET (East-west Trapezium)
Adjust to make the length of top horizontal line same with it of the bottom horizontal line.

SC (Vertical "S" Correction)
Adjust so that all distance between each horizontal lines are to be the same.

5. Hold Down Check

Apply 5Vdc to X-RAY TP and check if TV set is turned off (ST-BY).

6. Focus Adjustment

NOTE : This adjustment should be performed after warming up for 10 minutes.

Test Point	: Observe display
Adjust	: Focus control of FBT

1) Tune the TV set to receive a Color Bar pattern.
2) Adjust Focus control of FBT for the best overall focus on the middle-left of the screen.

7. Screen Voltage Adjustment

Test Point	: RK (Red Cathod of CPT Board)
Adjust	: Screen Control of FBT

1) Tune the TV set to receive a Color Bar pattern.
2) Press the PSM button on the remote controller to set Standard mode(Standard mode: contrast-100%, brightness, color and sharpness-50%, tint-center)
3) Connect the probe of oscilloscope to the Rk (Red Cathod of CPT Board).
4) Adjust Screen Volume of FBT so that the waveform is the same as below Fig.3.

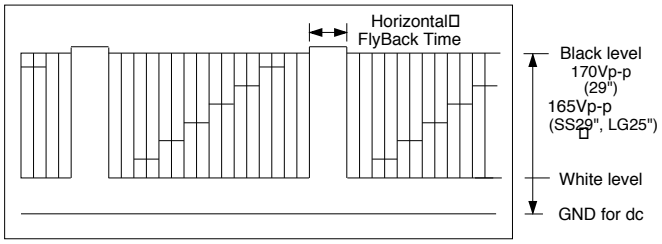
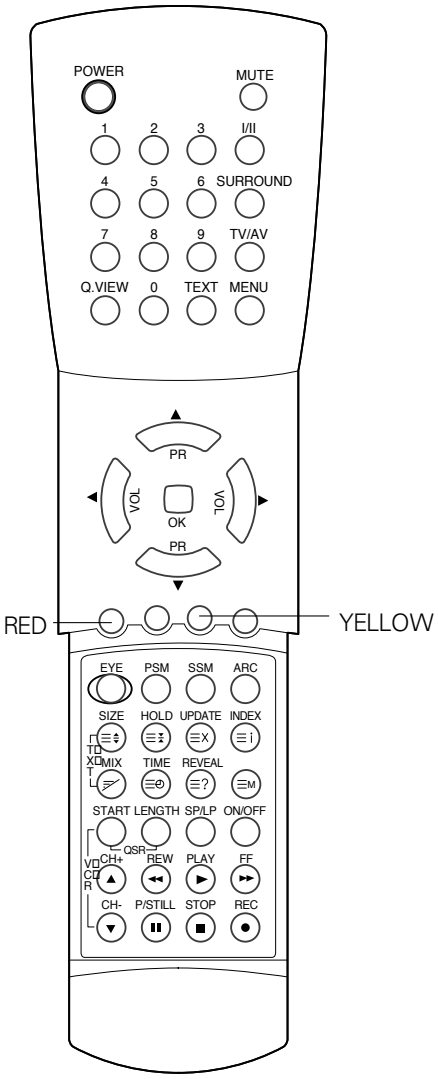


Fig. 3: The waveform at RK(Red Cathod) on CPT Board

8. White Balance (W/B) Adjustment

NOTE : This adjustment should be preformed after screen voltage adjustment.

1) Tune the TV set to receive white pattern of PAL standard signal.
2) Adjust contrast, brightness for 45±1 ft-L at the center area of screen.
3) Press the OK buttons on both of Control Board and Remote Controller at the same time.
4) Press the yellow button on the Remote Controller twice to select SVC-2 mode.
5) Press PR+ or PR- button for desirous function adjustment.
6) Adjust VOL+ or VOL- button for G Gain is 31.
7) Adjust VOL+ or VOL- button in each status of "R Gain-30"/"B Gain-28" for X=281±8, Y=288±8 with color analyzer.

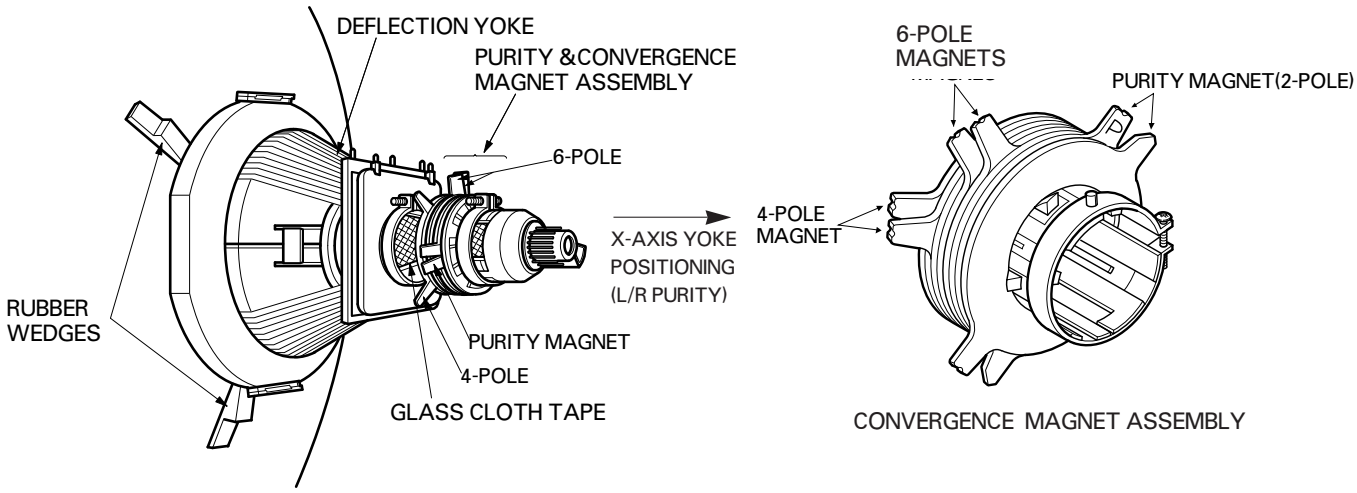

POWER
MUTE
1
2
3
I/II
4
5
6
SURROUND
7
8
9
TV/AV
Q.VIEW
0
TEXT
MENU
PR
VOL
OK
VOL
PR
RED
YELLOW
EYE
PSM
SSM
ARC
SIZE
HOLD
UPDATE
INDEX
MIX
TIME
REVEAL
START
LENGTH
SP/LP
ON/OFF
QSR
CH+
REW
PLAY
FF
CH-
P/STILL
STOP
REC

PURITY & CONVERGENCE ADJUSTMENT

Caution:
Convergence and Purity have been factory aligned. Do not attempt to tamper with these alignments.
However, the effects of adjacent receiver components, or replacement of picture tube or deflection yoke may require the need to readjust purity any convergence.

5. Reconnect the internal degaussing coil.

6. Position the beam bender locking rings at the 9 o'clock position and the other three pairs of tabs (2,4 and 6 pole magnets) at the 12 o'clock position.



¡ Purity Adjustment

This procedure DOES NOT apply to bonded yoke and picture tube assemblies.
The instrument should be at room temperature (60 degrees F or above) for six (6) hours and be operating at low beam current (dark background) for approximately 20 to 30 minutes before performing purity adjustments.

CAUTION: Do not remove any trim magnets that may be attached to the bell of the picture tube.

1. Remove the AC power and disconnect the internal degaussing coil.

2. Remove the yoke from the neck of the picture tube.

3. If the yoke has the tape version beam bender, remove it and replace it with a adjustable type beam bender (follow the instructions provided with the new beam bender)

4. Replace the yoke on the picture tube neck, temporarily remove the three (3) rubber wedges from the bell of the picture tube and then slide the yoke completely forward.

7. Perform the following steps, in the order given, to prepare the receiver for the purity adjustment procedure.

   a. Face the receiver in the "magnetic north" direction.

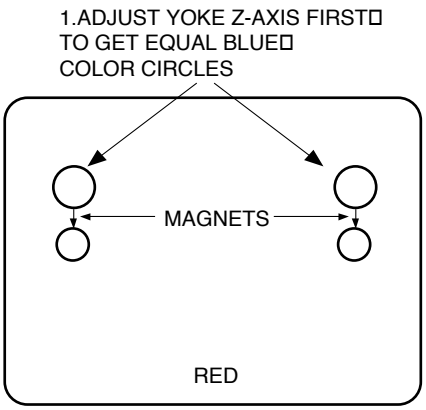
   b. Externally degauss the receiver screen with the television power turned off.

   c. Turn the television on for approximately 10 seconds to perform internal degaussing and then turn the TV off.

   d. Unplug the internal degaussing coil. This allows the thermistor to cool down while you are performing the purity adjustment. DO NOT MOVE THE RECEIVER FROM ITS "MAGNETIC NORTH" POSITION.

   e. Turn the receiver on and obtain a red raster by increasing the red bias control (CW) and decreasing the bias controls for the remaining two colors (CCW).

   f. Attach two round magnets on the picture tube screen at 3 o'clock and 9 o'clock positions, approximately one (1) inch from the edge of the mask (use double-sided tape).



8. Referring to above, perform the following two steps:
   a. Adjust the yoke Z-axis to obtain equal blue circles.
   b. Adjust the appropriate beam bender tabs to obtain correct purity (four equal circles).

9. After correct purity is set, tighten the yoke clamp screw and remove the two screen magnets.

10. Remove the AC power and rotate the receiver 180 degrees (facing "magnetic south").

11. Reconnect the internal degaussing coil.

12. Turn the receiver on for 10 seconds (make sure the receiver came on) to perform internal degaussing, and then turn the receiver off.

13. Unplug the internal degaussing coil.

14. Turn on the receiver and check the purity by holding one (1) round magnet at the 3 o'clock and a second round magnet at 9 o'clock position. If purity is not satisfactory, repeat steps 8 through 14.

15. Turn off the receiver and reconnect the internal degaussing coil.

■ Convergence Adjustment

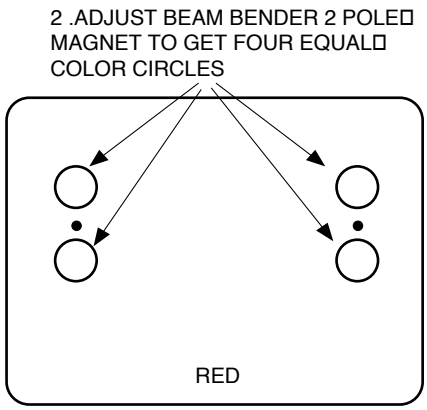
Caution: This procedure DOES NOT apply to bonded yoke and picture tube assemblies.
Do not use screen magnets during this adjustment procedure. Use of screen magnets will cause an incorrect display.

1. Remove AC power and disconnect the internal degaussing coil.

2. Apply AC Power and set the brightness to the Picture Reset condition. Set the Color control to minimum.

3. Apply 8V to the pin42 of IC501.

4. Adjust the Red, Green and Blue Bias controls to get a dim white line.



5. Remove the AC power and 8V from the pin42 of IC501.

6. Reconnect the internal degaussing coil and apply AC power.

7. Turn the receiver on for 10 seconds to perform internal degaussing and then turn the receiver off again.

8. Unplug the internal degaussing-coil.

9. Turn on the receiver, connect a signal generator to the VHF antenna terminal and apply a crosshatch signal.

Caution: During the convergence adjustment procedure, be very careful not to disturb the purity adjustment tabs are accidentally move, purity should be confirmed before proceeding with the convergence adjustments.

Note: Make sure the focus is set correctly on this instrument before proceeding with the following adjustment.

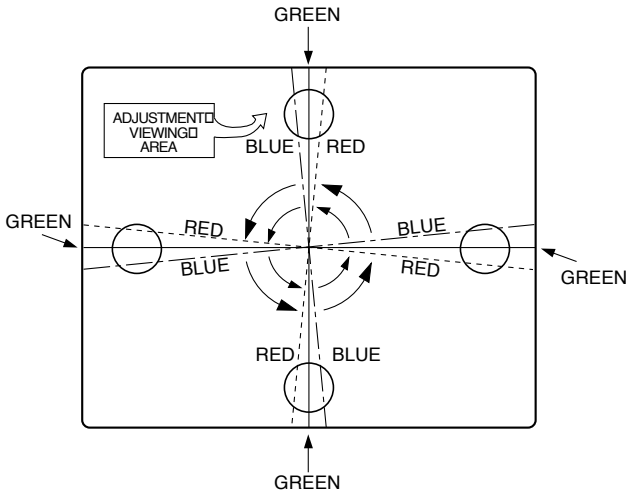
10. Converge the red and blue vertical lines to the green vertical line at the center of the screen by performing the following steps (below TABLE).
    a. Carefully rotate both tabs of the 4-pole ring magnet simultaneously in opposite directions from the 12 o'clock position to converge the red and blue vertical lines.
    b. Carefully rotate both tabs of the 6-pole ring magnet simultaneously in opposite directions form the 12 o'clock position to converge the red and blue (now purple) vertical lines with the green vertical line.

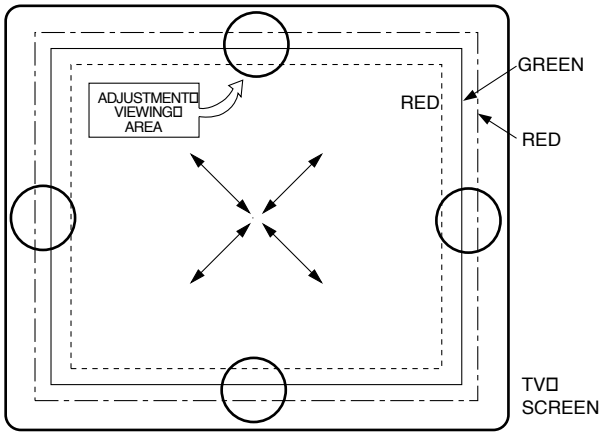
11. Converge the red and blue horizontal with the green line at the center of the screen by performing the following steps. (below TABLE)
    a. Carefully rotate both tabs of the 4-pole ring magnet simultaneously in the same direction (keep the spacing between the two tabs the same) to converge the red and blue horizontal lines.
    b. Carefully rotate both tabs of the 6-pole ring magnet simultaneously in same direction (keep the spacing between the two tabs the same) to converge the red and blue (now purple) horizontal lines with the green horizontal line.
    c. Secure the tabs previsouly adjusted by locking them in place with the locking tabs on the beam bender.

RING PAIRS	ROTATION DIRECTION OF BOTH TABS	MOVEMENT OF RED AND BLUE BEAMS
4 POLE	OPPOSITE	B R OR B R
	SAME	B R OR B R
6 POLE	OPPOSITE	B R OR B R
	SAME	B R OR B R

UP/DOWN ROCKING OF THE YOKE CAUSES OPPOSITE ROTATION OF RED AND BLUE RASTERS

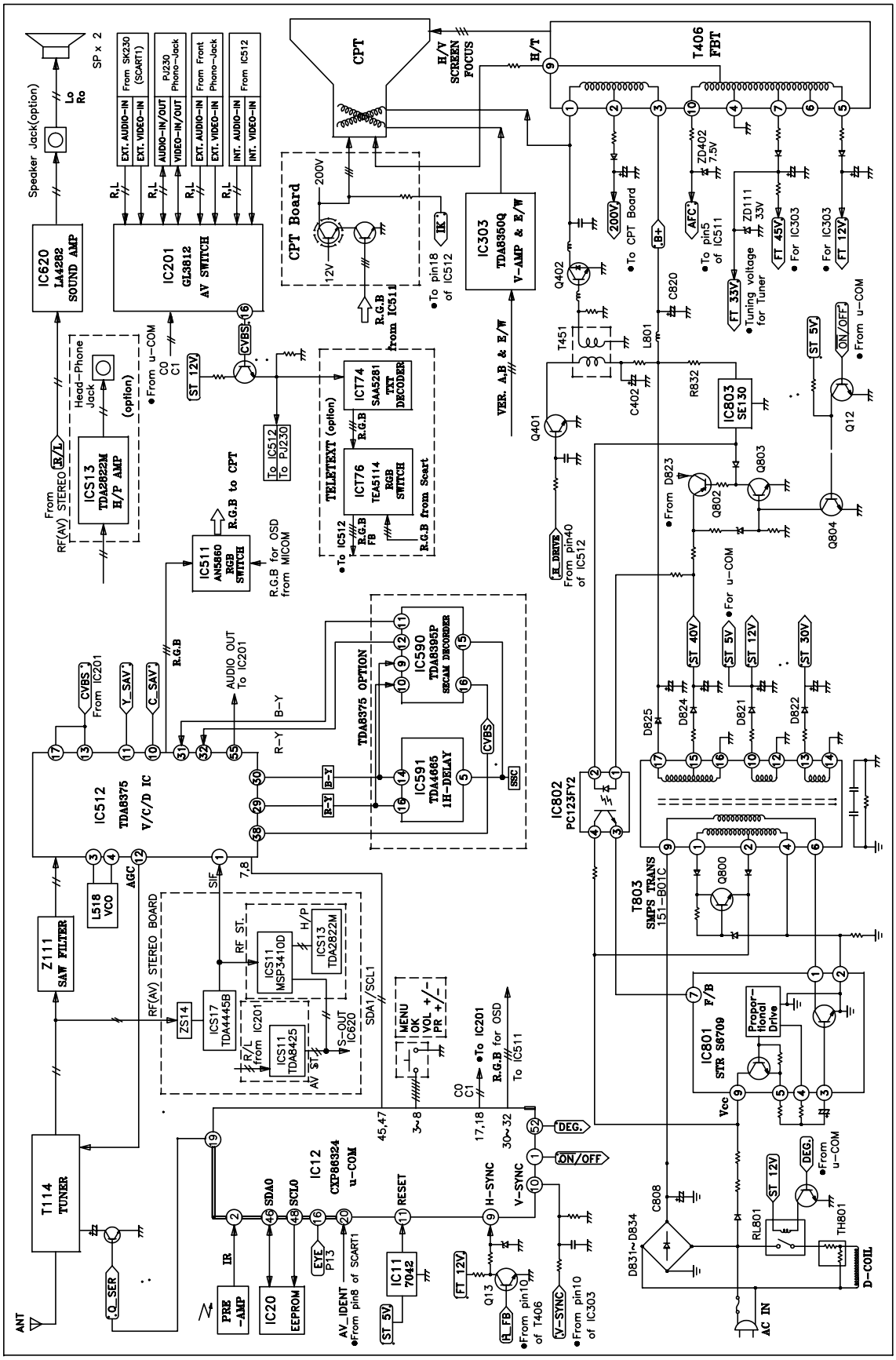
LEFT/RIGHT ROCKING OF THE YOKE CAUSES OPPOSITE SIZE CHANGE OF THE RED AND BLUE RASTERS





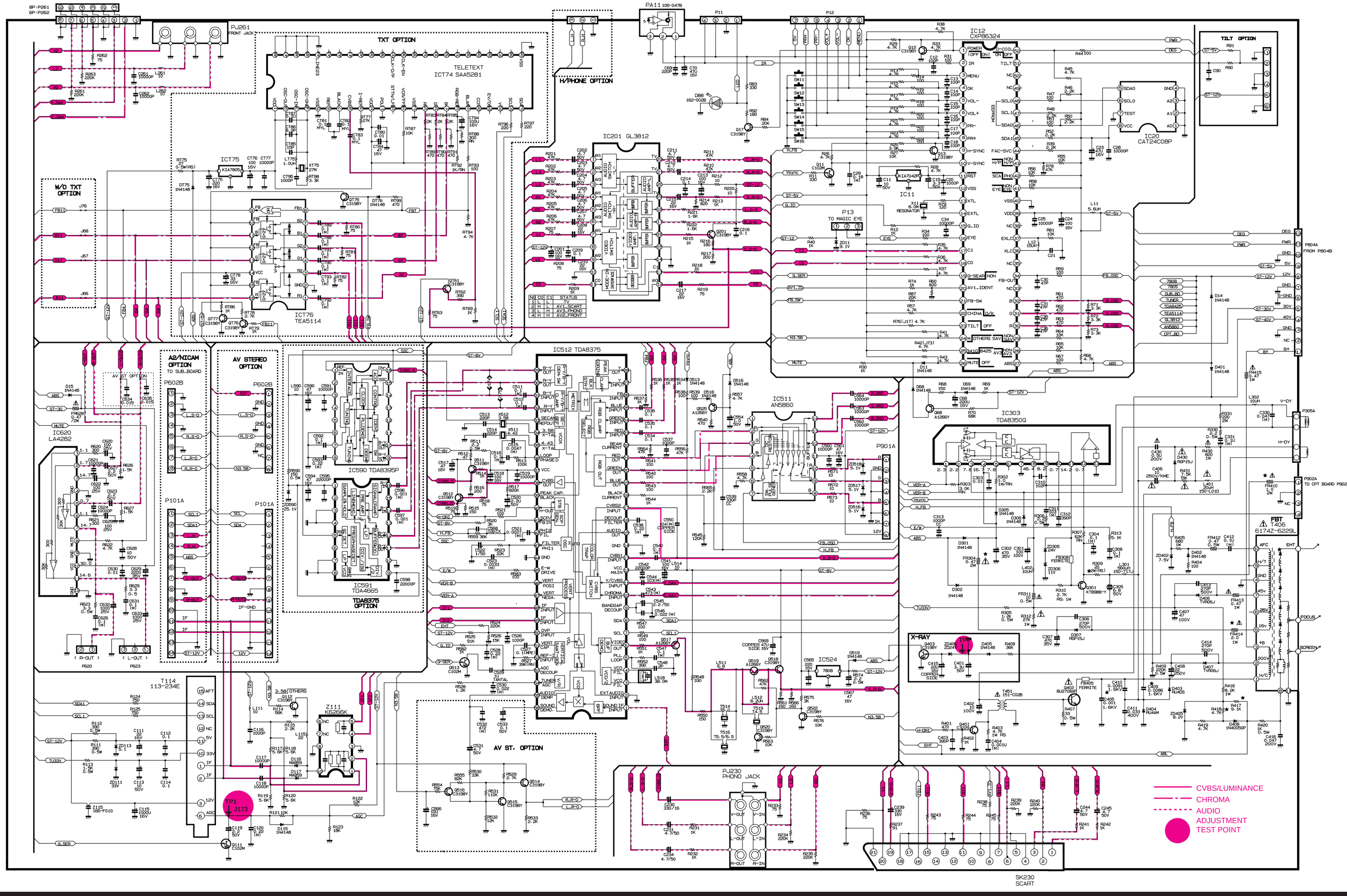
12. While watching the 6 o'clock positions on the screen, rock the front of the yoke in a vertical (up/down) direction to converge the red and blue vertical lines. (Fig upper left)
13. Temporarily place a rubber wedge at the 12 o'clock position to hold the vertical position or the yoke.
14. Check the 3 o'clock and 9 o'clock areas to confirm that the red and blue horizontal lines are converged.
    If the lines are not converged, slightly offset the vertical tilt of the yoke (move the rubber wedge if necessary) to equally balance the convergence error of the horizontal lines at 3 o'clock and 9 o'clock and the vertical lines at 6 o'clock and 12 o'clock.
15. Place a 1.5 inch piece of glass tape over the rubber foot at the rear of the 12 o'clock wedge.
16. While watching the 6 o'clock and 12 o'clock areas of the screen, rock the front of the yoke in the horizontal (left to right) motion to converge the red and blue horizontal lines. (Fig. upper right)
17. Temporarily place a rubber wedge at the 5 o'clock and 7 o'clock positions to hold the horizontal position of the yoke.
18. Check the 3 o'clock and 9 o'clock areas to confirm that the red and blue vertical lines are converged. If the lines are not converged, slightly offset the horizontal tilt of the yoke (move the temporary rubber wedges if necessary) to equally balance the convergence error of the horizontal lines at 6 o'clock and 12 o'clock and the vertical lines at 3 o'clock and 9 o'clock.
19. Using a round magnet confirm purity at the center, right and left sides and corners. See Purity Adjustment Procedure.
20. Reconfirm convergence and apply a 1.5 inch piece of glass tape over the rubber foot at the rear of the 5 o'clock and the 7 o'clock wedges.

BLOCK DIAGRAM

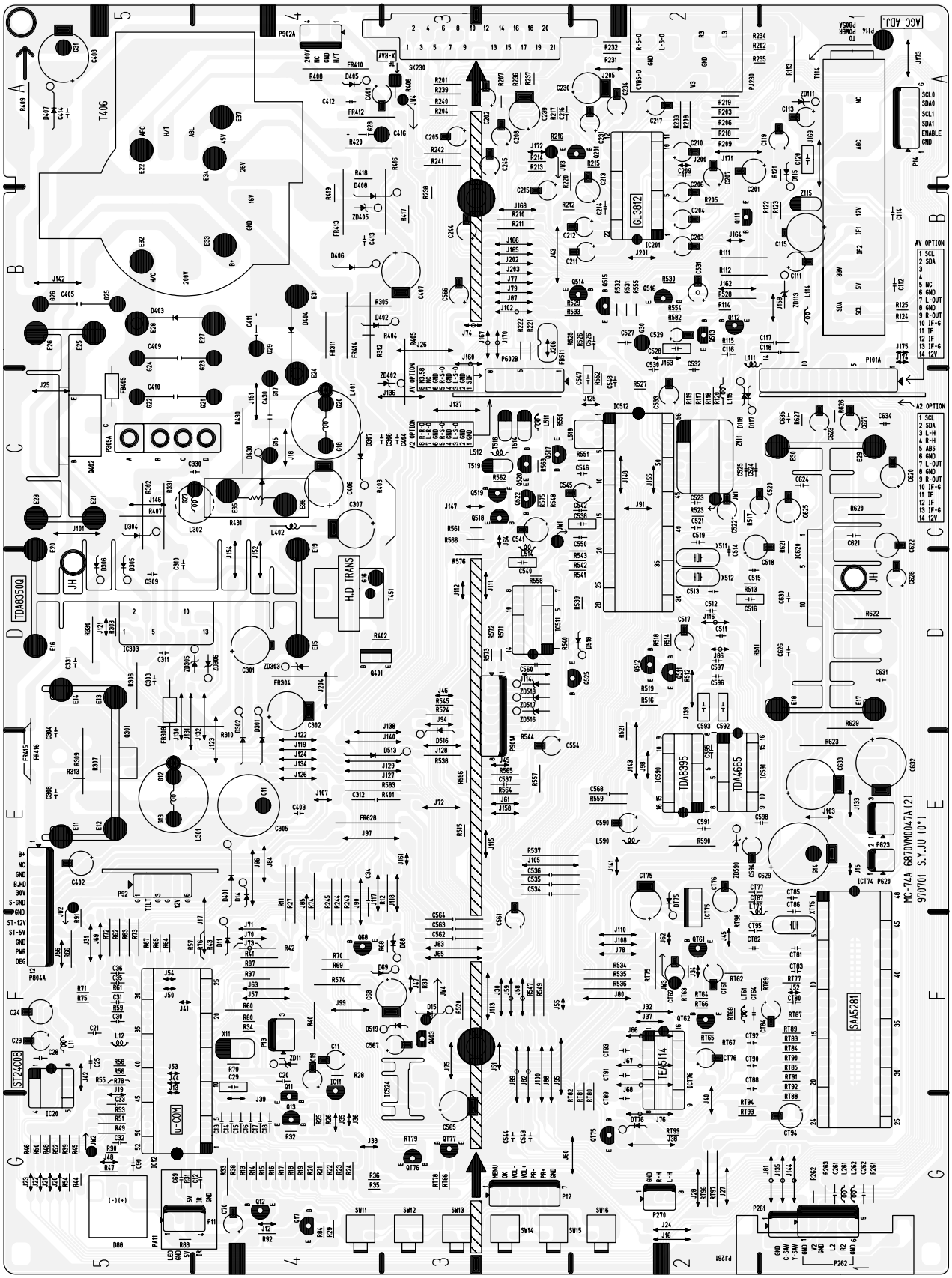


Service Sheet of MC-74A (1/2)

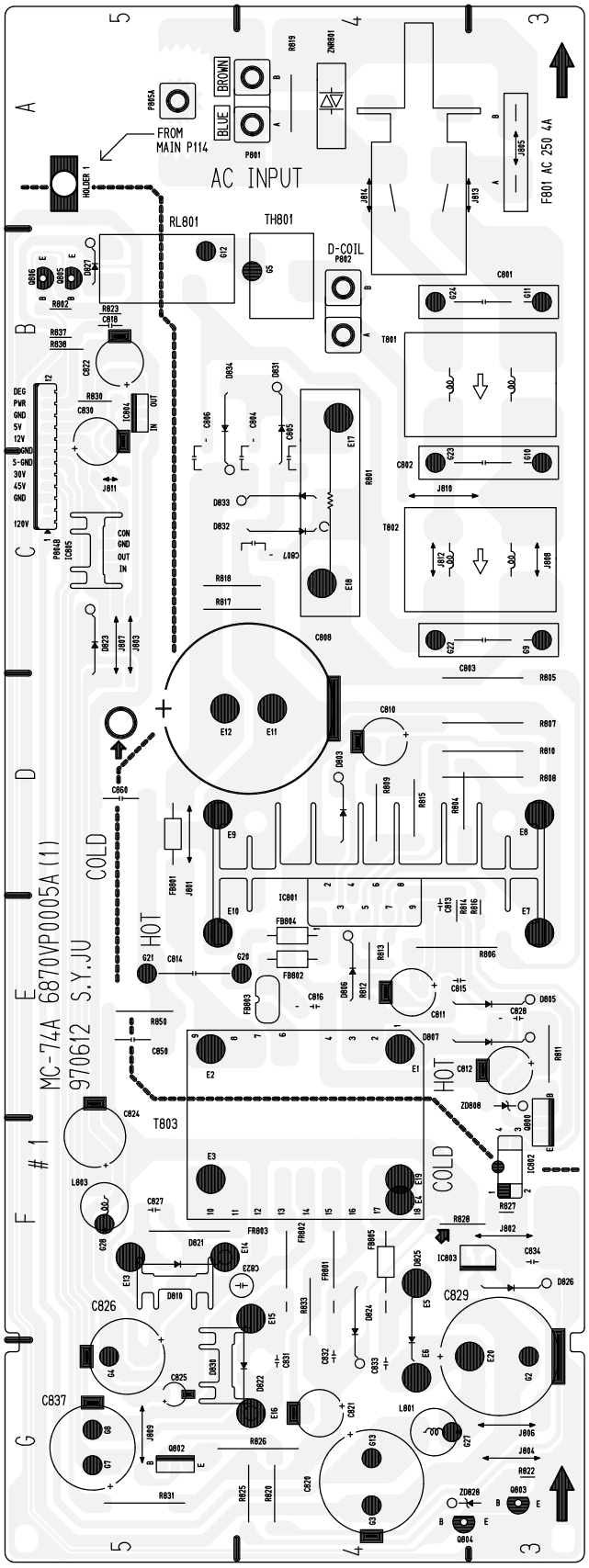
PART NO : 3854VA0018A-S1
DATE : Nov 24 ,'97



MAIN



SMPS


AC INPUT
FROM MAIN P114
BROWN
BLUE
F801 AC 250 4A
RL801
TH801
D-COIL
HOLDER 1
T801
T802
T803
C801
C802
C803
C806
C808
C810
C822
C824
C826
C829
C830
C837
IC801
IC802
IC803
IC804
IC805
IC806
L801
L803
Q802
Q803
Q804
ZD828
R822
R826
R831
R850
C850
C860
C814
C827
C834
D810
D826
D830
D832
D833
D834
D835
D836
D837
D838
D839
D840
D841
D842
D843
D844
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D850
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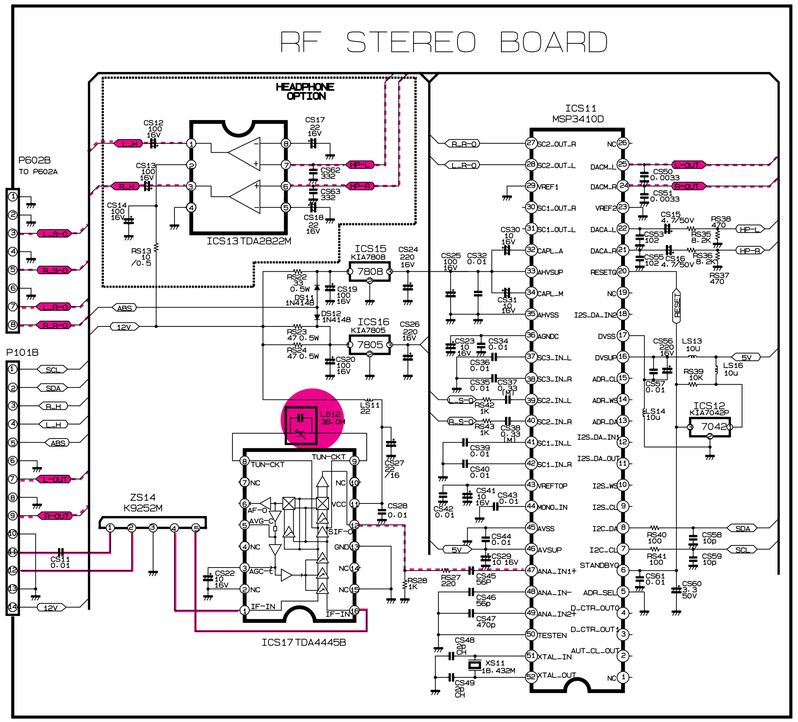
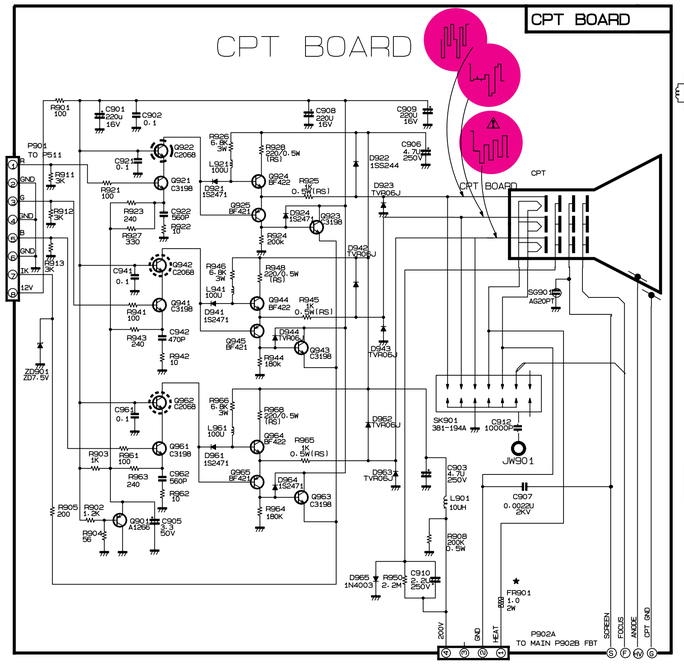
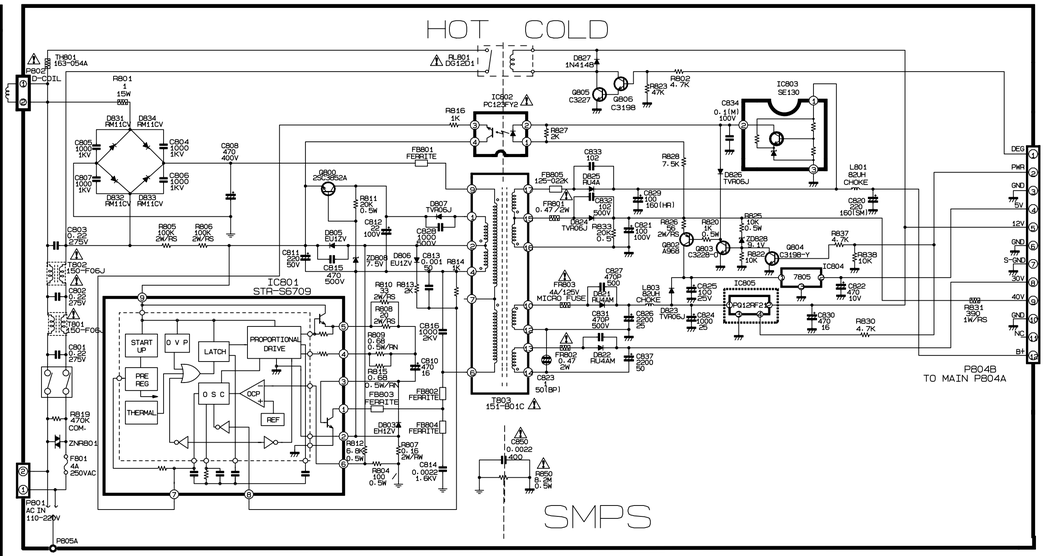
D864
D865
D866
D867
D868
D869
D870
D871

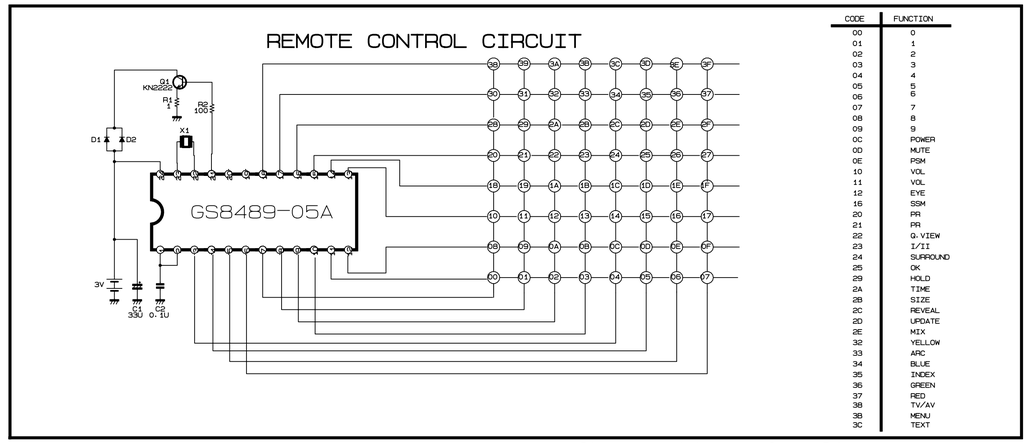
Service Sheet of MC-74A (2/2)

PART NO : 3854VA0018A-S2
DATE : Nov 24 ,'97

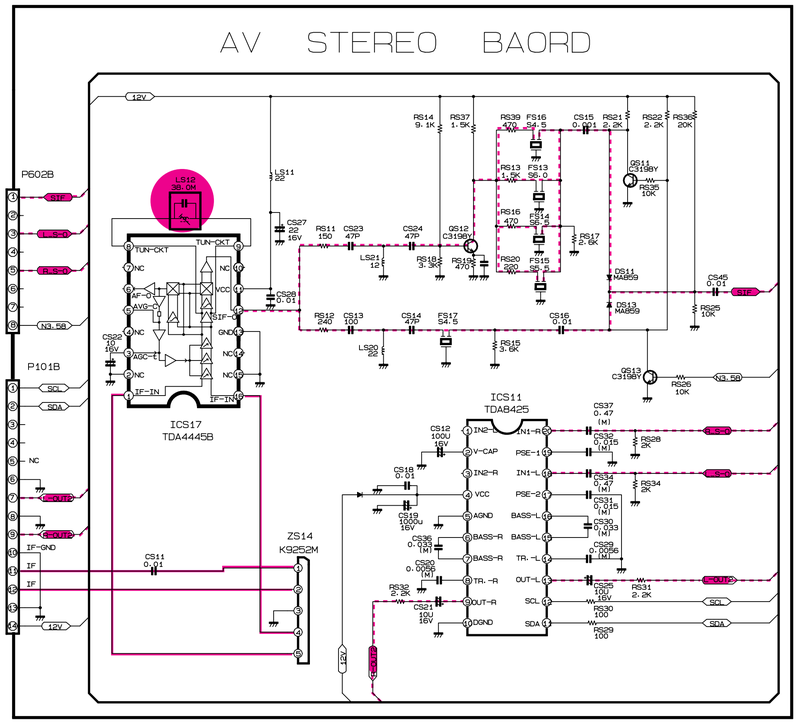


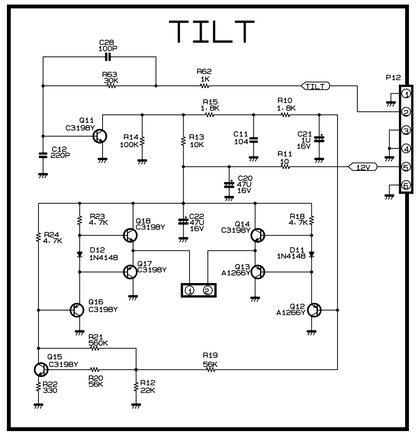


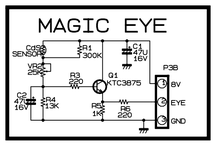


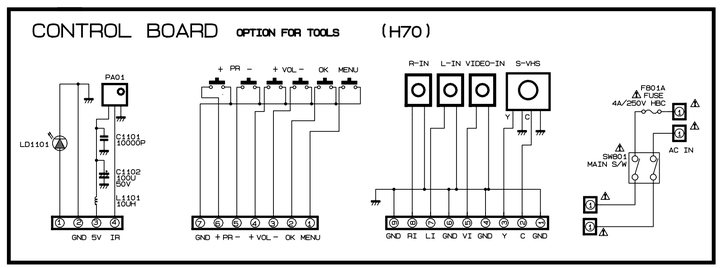


CODE	FUNCTION
00	0
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
0C	POWER
0D	MUTE
0E	PSM
10	VOL +
11	VOL -
12	EYE
16	SSM
20	PR +
21	PR -
22	Q.VIEW
23	I/II
24	SURROUND
25	OK
29	HOLD
2A	TIME
2B	SIZE
2C	REVEAL
2D	UPDATE
2E	MIX
32	YELLOW
33	ARC
34	BLUE
35	INDEX
36	GREEN
37	RED
38	TV/AV
3B	MENU
3C	TEXT









NOTICE

Since this is basic circuit diagram. The value of components and some partial connection are subject to change for improvement without notice.

The components marked ⚠ conform to VDE or IEC guide-lines and are essential for safe operation of the TV receiver.
While those marked ⚠ are required for correct operation.
Use specified parts only when replacing.

Value of resistor, capacitor and inductor

1. Resistances are shown in ohm. K=1,000. M=1,000,000.
2. Unless otherwise noted in schematic. All capacitor values less than 1 are expressed in mfd and the values more than 1 in pF.
3. Unless otherwise noted in schematic. all inductor values more than 1 are expressed in uH and the values less than 1 in Henry(H).

Observation of voltages and waveforms

1. Voltages read with VTVM from point to chassis ground. line voltage is 230+/-20% volts. signal pattern is colour-bar.
2. The schematic shown is represetative only.
3. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
4. Check FINE TUNING, AGC, CONTRAST, BRIGHTNESS and COLOUR controls for best picture. make sure that COLOUR and BRIGHTNESS are in mid-point and CONTRAST is in 75%.
5. Waveforms are taken using a standard colour signal.

★ INCH CONVERSION PARTS

CIR.-NO	25INCH	28INCH	29INCH

No.	Loc No	C/Part No	Description	Spec	B/Part No
1	F801	0FT4001B517	FUSE,TIME LAG	4A 250V 5.2X20 CY/GL VDE	0FT4001B517
2	700	0IGL120104A	IC,LGEC	CDS SENSOR MODULE(P1201-04)	
3	IC524	0IKE780800A	IC,KEC	KIA7808PI 3P(TO-220IS) 1A,8V	0IKE780800A
4	IC303	0IPH835050A	IC,PHILIPS	TDA8350Q/N5 13P,SIP BK V/DEF+E	
5	IC620	0ISA428200A	IC, SANYO	LA4282(AUDIO-AMP)	0INE182000B
6	IC805	0ISH122100A	IC,SHARP	PQ12RF21 4P(TO-220) 12V S/W RE	0ISH122100A
7	Q402	0TR270800AA	TRANSISTOR	BU2708AF BK PHILIPS	
8	Q401	0TR322900AA	TRANSISTOR	KTC3229	0TR322900AA
9	Q301	0TR988000AC	TRANSISTOR	KTB988-Y,W/A(KTB834),KEC	
10	170	170-844J	CPT EARTH	29" 96T 2LUG 2P HUG	
11	943	1PPF0403116	SCREW,PAN HEAD TAP TITE +	D4 L16 MSWR3/BK	1PPF0403116
12	300	3091V00120D	CABINET ASSY	CF-29K40N HPLRX LG . .	
13	320	320-070G	SPRING	COIL	
14	913	332-229A	SCREW	ASSY,HEXAGON HEAD SP	
15	315	3580V00028B	DOOR	MAIN 1 A/V .	
16	400	3809V00087D	BACK COVER ASSY	29K40 SET 411-960A 2-PHONE	
17	310	5020V00216D	BUTTON	CF-29K40 7227V000016KEY . . .	
18	330	5020V00217D	BUTTON	CF-29K40 7227V000016KEY . . .	
19	150	6140VC2001A	COIL,DEGAUSSING	CU 29" 60TURN 8.7 OHM D05D (NY	
20	112	6341V29002B	BARE CPT ASSY	29",PA2,D/TINT,SOUTH	
21	A2	6710V00007U	REMOTE CONTROLLER	MC-74A(W/O TXT,W/EYE,LG)	
22	520	6871VMM111M	PWB(PCB) ASSY	MAIN 1 74A W/O-RGB 29H30N/K40N	
23	530	6871VPM006B	PWB(PCB) ASSY	74A POWER 29H30	
24	540	6871VSM109B	PWB(PCB) ASSY	SUB 74A W/O HP W/ NI	
25	510	6871VSN044A	PWB(PCB) ASSY	CPT(MC-74A)	
26	120	120-C77G	SPEAKER	C122P02K1459 LG FOSTER 8OHM 10	
27	153	6150Z-1043M	DY(DEFLECTION YOKE)	DC29SPPA2	
28	C11	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
29	C12	0CN1010K519	CAPACITOR TUBULA(HIGH DIELE)	100P 50V K B TA52	
30	C13	0CN1010K519	CAPACITOR TUBULA(HIGH DIELE)	100P 50V K B TA52	
31	C14	0CN1010K519	CAPACITOR TUBULA(HIGH DIELE)	100P 50V K B TA52	
32	C15	0CN1010K519	CAPACITOR TUBULA(HIGH DIELE)	100P 50V K B TA52	
33	C16	0CN1010K519	CAPACITOR TUBULA(HIGH DIELE)	100P 50V K B TA52	
34	C17	0CN1010K519	CAPACITOR TUBULA(HIGH DIELE)	100P 50V K B TA52	
35	C18	0CN1010K519	CAPACITOR TUBULA(HIGH DIELE)	100P 50V K B TA52	
36	C19	0CE335DK618	CAPACITOR,ELECTROLYTIC	3.3000UF STD 50V M FL TP5	
37	C20	0CN1020K519	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA52	
38	C21	0CX1100K409	CAPACITOR TUBULA(T.C)	11P 50V J SL TA52	
39	C21	0CX2400K409	CAPACITOR TUBULA(T.C)	24P 50V J SL TA52	
40	C22	0CX1100K409	CAPACITOR TUBULA(T.C)	11P 50V J SL TA52	
41	C23	0CE476DF618	CAPACITOR,ELECTROLYTIC	47UF STD 16V M FL TP5	0CE476DF618
42	C24	0CE107DF618	CAPACITOR,ELECTROLYTIC	100UF STD 16V M FL TP5	0CE107DF618
43	C25	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
44	C28	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
45	C29	0CQ1842K439	CAPACITOR,POLYESTER(MYLAR)	0.1800UF S 50V J M/PE NI TP	
46	C30	0CX4700K409	CAPACITOR TUBULA(T.C)	47P 50V J SL TA52	
47	C31	0CX4700K409	CAPACITOR TUBULA(T.C)	47P 50V J SL TA52	
48	C32	0CX4700K409	CAPACITOR TUBULA(T.C)	47P 50V J SL TA52	
49	C33	0CX4700K409	CAPACITOR TUBULA(T.C)	47P 50V J SL TA52	
50	C34	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
51	C35	0CX4700K409	CAPACITOR TUBULA(T.C)	47P 50V J SL TA52	
52	C36	0CX4700K409	CAPACITOR TUBULA(T.C)	47P 50V J SL TA52	
53	C68	0CE227DF618	CAPACITOR,ELECTROLYTIC	220UF STD 16V M FL TP5	0CE227DF618
54	C69	0CN2210K519	CAPACITOR TUBULA(HIGH DIELE)	220P 50V K B TA52	
55	C70	0CE476DF618	CAPACITOR,ELECTROLYTIC	47UF STD 16V M FL TP5	0CE476DF618
56	C111	0CE226DF618	CAPACITOR,ELECTROLYTIC	22UF STD 16V M FL TP5	0CE226DF618
57	C112	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
58	C113	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
59	C114	0CN1040K949	CAPACITOR TUBULA(HIGH DIELE)	0.1M 50V Z F TA52	
60	C115	0CE108DF618	CAPACITOR,ELECTROLYTIC	1000UF STD 16V M FL TP5	0CE108DF618
61	C116	0CN1020K519	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA52	
62	C117	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
63	C118	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
64	C119	0CE225DK618	CAPACITOR,ELECTROLYTIC	2.2000UF STD 50V M FL TP5	0CE225DK618
65	C120	0CQ2242K439	CAPACITOR,POLYESTER(MYLAR)	0.2200UF S 50V J M/PE NI TP	
66	C201	0CE107DF618	CAPACITOR,ELECTROLYTIC	100UF STD 16V M FL TP5	0CE107DF618
67	C202	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
68	C203	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
69	C204	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
70	C205	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
71	C206	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
72	C207	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
73	C208	0CE226DF618	CAPACITOR,ELECTROLYTIC	22UF STD 16V M FL TP5	0CE226DF618
74	C209	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
75	C210	0CE226DF618	CAPACITOR,ELECTROLYTIC	22UF STD 16V M FL TP5	0CE226DF618
76	C211	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
77	C212	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
78	C213	0CE107DF618	CAPACITOR,ELECTROLYTIC	100UF STD 16V M FL TP5	0CE107DF618
79	C214	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
80	C215	0CE226DF618	CAPACITOR,ELECTROLYTIC	22UF STD 16V M FL TP5	0CE226DF618
81	C216	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
82	C217	0CE226DF618	CAPACITOR,ELECTROLYTIC	22UF STD 16V M FL TP5	0CE226DF618
83	C230	0CE337DF618	CAPACITOR,ELECTROLYTIC	330UF STD 16V M FL TP5	
84	C231	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
85	C234	0CE475DK618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 50V M FL TP5	0CE475DK618
86	C261	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
87	C262	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
88	C301	0CE476DN618	C,ELECTROLYTIC	47UF STD 100V M	

89	C302	0CE477DH618	CAPACITOR,ELECTROLYTIC	470UF STD 25V M FL TP5	
90	C303	0CK1040K945	CAPACITOR,CERAMIC(HIGH DIELE)	0.1M 50V Z F TS	
91	C304	0CQ1042K439	CAPACITOR,POLYESTER(MYLAR)	0.1000UF S 50V J M/PE NI TP	
92	C305	0CE6851K652	CAPACITOR,ELECTROLYTIC	6.8000UF SM 50V M FM7.5 BP(S)	
93	C306	0CK2710W515	CAPACITOR CERAMIC(HIGH DIELE)	270P 500V K B TS	
94	C307	0CE477DH618	CAPACITOR,ELECTROLYTIC	470UF STD 25V M FL TP5	
95	C308	0CQ1042K439	CAPACITOR,POLYESTER(MYLAR)	0.1000UF S 50V J M/PE NI TP	
96	C310	0CK1030K945	CAPACITOR,CERAMIC(HIGH DIELE)	0.01M 50V Z F TS	
97	C311	0CQ1041N509	CAPACITOR POLYESTER(MYLAR)	0.1U 100V K POLY TP	
98	C312	0CN5610K519	CAPACITOR TUBULA(HIGH DIELE)	560P 50V K B TA52	
99	C315	0CQ1041N509	CAPACITOR POLYESTER(MYLAR)	0.1U 100V K POLY TP	
100	C316	0CN1020K519	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA52	
101	C317	0CN1020K519	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA52	
102	C330	0CQ2731N509	CAPACITOR POLYESTER(MYLAR)	0.027U 100V K POLY TP	
103	C331	181-442Z	C,POLYESTER	0.1MF 50V K	
104	C402	0CE106DN618	CAPACITOR,ELECTROLYTIC	10UF STD 100V M FL TP5	
105	C403	0CK3910K515	CAPACITOR CERAMIC(HIGH DIELE)	390P 50V K B TS	
106	C404	0CQ1021N509	CAPACITOR POLYESTER(MYLAR)	0.001U 100V K POLY TP	
107	C405	181-011B	CAPACITOR	PP 1600V 0.001UF J	
108	C406	0CE106BR618	CAPACITOR,ELECTROLYTIC	10UF KME 250V M FL TP5	
109	C407	0CE476DN618	C,ELECTROLYTIC	47UF STD 100V M	
110	C408	0CE2261R618	CAPACITOR,ELECTROLYTIC	22M SM 250V M TP5	0CE2261R618
111	C409	181-014M	C,MPP	1600V 0.0091UF J	
112	C410	181-014M	C,MPP	1600V 0.0091UF J	
113	C411	181-005J	C,POLYESTOR	400V 0.033UF K	
114	C412	0CQ1041N509	CAPACITOR POLYESTER(MYLAR)	0.1U 100V K POLY TP	
115	C413	0CK2710W515	CAPACITOR CERAMIC(HIGH DIELE)	270P 500V K B TS	
116	C414	0CK2710W515	CAPACITOR CERAMIC(HIGH DIELE)	270P 500V K B TS	
117	C416	181-009V	C,PP	200V 0.047UF K	
118	C430	181-038K	CAPACITOR,POLYPROPYLENE	0.56UF D 250V J M/PP FM20	
119	C511	181-442Z	C,POLYESTER	0.1MF 50V K	
120	C512	181-442Z	C,POLYESTER	0.1MF 50V K	
121	C513	0CC2210K415	CAPACITOR CERAMIC(TEMP COMP)	220P 50V J NPO TS	
122	C514	0CC2210K415	CAPACITOR CERAMIC(TEMP COMP)	220P 50V J NPO TS	
123	C515	0CQ4721N509	CAPACITOR POLYESTER(MYLAR)	0.0047U 100V K POLY TP	
124	C516	0CQ1042K439	CAPACITOR,POLYESTER(MYLAR)	0.1000UF S 50V J M/PE NI TP	
125	C517	0CE476DF618	CAPACITOR,ELECTROLYTIC	47UF STD 16V M FL TP5	0CE476DF618
126	C518	0CE107DF618	CAPACITOR,ELECTROLYTIC	100UF STD 16V M FL TP5	0CE107DF618
127	C519	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
128	C520	0CE225DK618	CAPACITOR,ELECTROLYTIC	2.2000UF STD 50V M FL TP5	0CE225DK618
129	C521	0CQ2721N409	CAPACITOR POLYESTER(MYLAR)	0.0027M 100V J POLY TP	
130	C522	0CE105DK618	CAPACITOR,ELECTROLYTIC	1UF STD 50V M FL TP5	0CE105DK618
131	C523	0CQ3321N509	CAPACITOR POLYESTER(MYLAR)	0.0033U 100V K POLY TP	
132	C526	0CN1020K519	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA52	
133	C527	0CQ1041N455	CAPACITOR,POLYESTER(MYLAR)	0.1000UF 100V J PP NI FM7.5	
134	C528	0CQ2242K439	CAPACITOR,POLYESTER(MYLAR)	0.2200UF S 50V J M/PE NI TP	
135	C529	0CSZVTA001C	C,TANTALUM	TAP105K025BRS(AMMO)25V 1UF K	
136	C530	0CQ2231N509	CAPACITOR POLYESTER(MYLAR)	0.022U 100V K POLY TP	
137	C532	0CQ2242K439	CAPACITOR,POLYESTER(MYLAR)	0.2200UF S 50V J M/PE NI TP	
138	C533	0CE104DK618	CAPACITOR,ELECTROLYTIC	0.1000UF STD 50V M FL TP5	
139	C534	0CN1040K949	CAPACITOR TUBULA(HIGH DIELE)	0.1M 50V Z F TA52	
140	C535	0CN1040K949	CAPACITOR TUBULA(HIGH DIELE)	0.1M 50V Z F TA52	
141	C536	0CN1040K949	CAPACITOR TUBULA(HIGH DIELE)	0.1M 50V Z F TA52	
142	C537	0CN1020K519	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA52	
143	C538	0CQ2242K439	CAPACITOR,POLYESTER(MYLAR)	0.2200UF S 50V J M/PE NI TP	
144	C539	0CC2210K405	CAPACITOR CERAMIC(TEMP COMP)	220P 50V J SL TP	
145	C540	0CQ1042K439	CAPACITOR,POLYESTER(MYLAR)	0.1000UF S 50V J M/PE NI TP	
146	C541	0CE107DF618	CAPACITOR,ELECTROLYTIC	100UF STD 16V M FL TP5	0CE107DF618
147	C542	0CN2230H949	CAPACITOR TUBULA(HIGH DIELE)	22000P 25V Z FTA52	
148	C545	0CE225DK618	CAPACITOR,ELECTROLYTIC	2.2000UF STD 50V M FL TP5	0CE225DK618
149	C546	0CQ2231N509	CAPACITOR POLYESTER(MYLAR)	0.022U 100V K POLY TP	
150	C547	181-442Z	C,POLYESTER	0.1MF 50V K	
151	C548	0CC0200K115	CAPACITOR CERAMIC(TEMP COMP)	2P 50V D NP0 TS	
152	C550	0CQ1042K439	CAPACITOR,POLYESTER(MYLAR)	0.1000UF S 50V J M/PE NI TP	
153	C554	0CE105DK618	CAPACITOR,ELECTROLYTIC	1UF STD 50V M FL TP5	0CE105DK618
154	C560	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
155	C561	0CE476DF618	CAPACITOR,ELECTROLYTIC	47UF STD 16V M FL TP5	0CE476DF618
156	C562	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
157	C563	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
158	C564	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
159	C565	0CE227DF618	CAPACITOR,ELECTROLYTIC	220UF STD 16V M FL TP5	0CE227DF618
160	C567	0CE476DF618	CAPACITOR,ELECTROLYTIC	47UF STD 16V M FL TP5	0CE476DF618
161	C568	0CX1200K409	CAPACITOR TUBULA(T.C)	12P 50V J SL TA52	
162	C569	0CE476DF618	CAPACITOR,ELECTROLYTIC	47UF STD 16V M FL TP5	0CE476DF618
163	C590	0CE476DF618	CAPACITOR,ELECTROLYTIC	47UF STD 16V M FL TP5	0CE476DF618
164	C591	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
165	C592	0CQ1042K439	CAPACITOR,POLYESTER(MYLAR)	0.1000UF S 50V J M/PE NI TP	
166	C593	0CQ2242K439	CAPACITOR,POLYESTER(MYLAR)	0.2200UF S 50V J M/PE NI TP	
167	C594	0CE476DF618	CAPACITOR,ELECTROLYTIC	47UF STD 16V M FL TP5	0CE476DF618
168	C595	0CN2230H949	CAPACITOR TUBULA(HIGH DIELE)	22000P 25V Z FTA52	
169	C596	0CQ1021N509	CAPACITOR POLYESTER(MYLAR)	0.001U 100V K POLY TP	
170	C597	0CQ1021N509	CAPACITOR POLYESTER(MYLAR)	0.001U 100V K POLY TP	
171	C598	0CN2230H949	CAPACITOR TUBULA(HIGH DIELE)	22000P 25V Z FTA52	
172	C620	0CE107DH618	CAPACITOR,ELECTROLYTIC	100UF STD 25V M FL TP5	
173	C621	0CN2220F669	CAPACITOR TUBULA(HIGH DIELE)	2200P 16V M X TA52	
174	C622	0CE107DH618	CAPACITOR,ELECTROLYTIC	100UF STD 25V M FL TP5	
175	C623	0CE2251K636	CAPACITOR,ELECTROLYTIC	2.2000UF SM 50V M FM5 BP(D) TP	
176	C624	0CN2220F669	CAPACITOR TUBULA(HIGH DIELE)	2200P 16V M X TA52	
177	C625	0CE107DH618	CAPACITOR,ELECTROLYTIC	100UF STD 25V M FL TP5	
178	C626	181-442Z	C,POLYESTER	0.1MF 50V K	

179	C627	0CE2251K636	CAPACITOR,ELECTROLYTIC	2.2000UF SM 50V M FM5 BP(D) TP	
180	C628	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
181	C629	0CE228DJ650	CAPACITOR,ELECTROLYTIC	2200UF STD 35V M FM7.5 BULK	
182	C630	0CK1030K945	CAPACITOR,CERAMIC(HIGH DIELE)	0.01M 50V Z F TS	
183	C631	181-442Z	C,POLYESTER	0.1MF 50V K	
184	C632	0CE108DH618	CAPACITOR,ELECTROLYTIC	1000UF STD 25V M FL TP5	
185	C633	0CE108DH618	CAPACITOR,ELECTROLYTIC	1000UF STD 25V M FL TP5	
186	C801	0CQZVBK002C	CAPACITOR,POLYESTER	A.C 275V 0.22UF K (S	
187	C802	0CQZVBK002C	CAPACITOR,POLYESTER	A.C 275V 0.22UF K (S	
188	C804	181-091D	C,DE0905	R 102K 1KV	
189	C805	181-091D	C,DE0905	R 102K 1KV	
190	C806	181-091D	C,DE0905	R 102K 1KV	
191	C807	181-091D	C,DE0905	R 102K 1KV	
192	C808	181-001U	CAPACITOR	CE 450V 470UF M LUG(85)	
193	C810	0CE477DF618	CAPACITOR,ELECTROLYTIC	470UF STD 16V M FL TP5	
194	C811	0CE227DJ618	CAPACITOR,ELECTROLYTIC	220UF STD 35V M FL TP5	
195	C812	0CE226DN618	CAPACITOR,ELECTROLYTIC	22UF STD 100V M FL TP5	
196	C813	0CK1020K515	CAPACITOR,CERAMIC(HIGH DIELE)	1000P 50V K B TS	
197	C814	181-011D	C,PP	1600V 0.0022UF J	
198	C815	0CK4710W515	CAPACITOR CERAMIC(HIGH DIELE)	470P 500V K B TS	
199	C816	181-091D	C,DE0905	R 102K 1KV	
200	C820	0CE2271P640	CAPACITOR,ELECTROLYTIC	220M SM 160V M FM10	
201	C821	0CE107DN618	CAPACITOR,ELECTROLYTIC	100UF STD 100V M FL TP5	
202	C822	0CE477DD618	CAPACITOR,ELECTROLYTIC	470UF STD 10V M FL TP5	
203	C823	0CE1051K636	CAPACITOR,ELECTROLYTIC	1.0U SM 50V M FM5 BP TP(D)	
204	C825	0CE107DH618	CAPACITOR,ELECTROLYTIC	100UF STD 25V M FL TP5	
205	C826	0CE228DH610	CAPACITOR,ELECTROLYTIC	2200UF STD 25V M FL BUL	
206	C827	0CK4710W515	CAPACITOR CERAMIC(HIGH DIELE)	470P 500V K B TS	
207	C828	0CK1020W515	CAPACITOR,CERAMIC(HIGH DIELE)	1000P 500V K B TS	
208	C829	181-003D	C,ELECTROLYTIC	160V 100UF T HR	
209	C830	0CE477DF618	CAPACITOR,ELECTROLYTIC	470UF STD 16V M FL TP5	
210	C831	0CK4710W515	CAPACITOR CERAMIC(HIGH DIELE)	470P 500V K B TS	
211	C832	181-091D	C,DE0905	R 102K 1KV	
212	C833	181-091D	C,DE0905	R 102K 1KV	
213	C834	0CQ1041N509	CAPACITOR POLYESTER(MYLAR)	0.1U 100V K POLY TP	
214	C837	0CE228DK650	CAPACITOR,ELECTROLYTIC	2200UF STD 50V M FM7.5 BULK	
215	C838	0CQZVBK002A	CAPACITOR,POLYESTER	A.C 275V 0.1UF M (S=15)	
216	C850	181-120E	C,ACT	4KV E 222M FL10	
217	C901	0CE227DF618	CAPACITOR,ELECTROLYTIC	220UF STD 16V M FL TP5	0CE227DF618
218	C902	0CK1040K945	CAPACITOR,CERAMIC(HIGH DIELE)	0.1M 50V Z F TS	
219	C903	0CE475DR618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 250V M FL TP5	
220	C905	0CE335DK618	CAPACITOR,ELECTROLYTIC	3.3000UF STD 50V M FL TP5	
221	C906	0CE475DR618	CAPACITOR,ELECTROLYTIC	4.7000UF STD 250V M FL TP5	
222	C907	181-033T	CAPACITOR	2KV B 222K TP7.5	
223	C908	0CE227DF618	CAPACITOR,ELECTROLYTIC	220UF STD 16V M FL TP5	0CE227DF618
224	C909	0CE227DF618	CAPACITOR,ELECTROLYTIC	220UF STD 16V M FL TP5	0CE227DF618
225	C910	0CE225DR618	C,ELECTROLYTIC	2.2UF STD 250V M	
226	C912	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
227	C921	0CK1040K945	CAPACITOR,CERAMIC(HIGH DIELE)	0.1M 50V Z F TS	
228	C922	0CN5610K519	CAPACITOR TUBULA(HIGH DIELE)	560P 50V K B TA52	
229	C924	0CC2700K415	CAPACITOR CERAMIC(TEMP COMP)	27P 50V J NP0 TP	
230	C941	0CK1040K945	CAPACITOR,CERAMIC(HIGH DIELE)	0.1M 50V Z F TS	
231	C942	0CN4710K519	CAPACITOR TUBULA(HIGH DIELE)	470P 50V K B TA52	
232	C944	0CC2700K415	CAPACITOR CERAMIC(TEMP COMP)	27P 50V J NP0 TP	
233	C961	0CK1040K945	CAPACITOR,CERAMIC(HIGH DIELE)	0.1M 50V Z F TS	
234	C962	0CN5610K519	CAPACITOR TUBULA(HIGH DIELE)	560P 50V K B TA52	
235	C964	0CC2700K415	CAPACITOR CERAMIC(TEMP COMP)	27P 50V J NP0 TP	
236	CS11	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
237	CS19	0CE107DF618	CAPACITOR,ELECTROLYTIC	100UF STD 16V M FL TP5	0CE107DF618
238	CS20	0CE107DF618	CAPACITOR,ELECTROLYTIC	100UF STD 16V M FL TP5	0CE107DF618
239	CS22	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
240	CS23	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
241	CS24	0CE227DF618	CAPACITOR,ELECTROLYTIC	220UF STD 16V M FL TP5	0CE227DF618
242	CS25	0CE107DF618	CAPACITOR,ELECTROLYTIC	100UF STD 16V M FL TP5	0CE107DF618
243	CS26	0CE227DF618	CAPACITOR,ELECTROLYTIC	220UF STD 16V M FL TP5	0CE227DF618
244	CS27	0CE2263F618	C,ELECTROLYTIC	22UF 16V M	
245	CS28	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
246	CS29	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
247	CS30	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
248	CS31	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
249	CS32	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
250	CS34	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
251	CS35	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
252	CS36	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
253	CS37	0CQ3342K439	CAPACITOR,POLYESTER(MYLAR)	0.3300UF S 50V J M/PE NI TP	
254	CS38	0CQ3342K439	CAPACITOR,POLYESTER(MYLAR)	0.3300UF S 50V J M/PE NI TP	
255	CS39	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
256	CS40	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
257	CS41	0CE106DK618	CAPACITOR,ELECTROLYTIC	10UF STD 50V M FL TP5	0CE106DK618
258	CS42	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
259	CS43	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
260	CS44	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
261	CS45	0CX5600K409	CAPACITOR TUBULA(T.C)	56P 50V J SL TA52	
262	CS46	0CX5600K409	CAPACITOR TUBULA(T.C)	56P 50V J SL TA52	
263	CS47	0CN4710K519	CAPACITOR TUBULA(HIGH DIELE)	470P 50V K B TA52	
264	CS48	0CC0200K115	CAPACITOR CERAMIC(TEMP COMP)	2P 50V D NP0 TS	
265	CS49	0CC0200K115	CAPACITOR CERAMIC(TEMP COMP)	2P 50V D NP0 TS	
266	CS50	0CN3320F569	CAPACITOR TUBULA(HIGH DIELE)	3300P 16V K X TA52	
267	CS51	0CN3320F569	CAPACITOR TUBULA(HIGH DIELE)	3300P 16V K X TA52	
268	CS56	0CE227DF618	CAPACITOR,ELECTROLYTIC	220UF STD 16V M FL TP5	0CE227DF618

269	CS57	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
270	CS58	0CX1000K409	CAPACITOR TUBULA(T.C)	10P 50V J SL TA52	
271	CS59	0CX1000K409	CAPACITOR TUBULA(T.C)	10P 50V J SL TA52	
272	CS60	0CE335DK618	CAPACITOR,ELECTROLYTIC	3.3000UF STD 50V M FL TP5	
273	CS61	0CN1030F679	CAPACITOR TUBULA(HIGH DIELE)	0.01MF 16V M Y TA52	
274	D11	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
275	D14	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
276	D15	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
277	D68	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
278	D69	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
279	D88	162-002B	DIODE	LED ASSY (MC51A,M-8.9)	
280	D115	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
281	D116	0DD859009AA	DIODE	SILICON MA859 TAPING	
282	D117	0DD859009AA	DIODE	SILICON MA859 TAPING	
283	D301	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
284	D302	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
285	D305	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
286	D306	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
287	D307	0DD150009CA	DIODE	RGP15J TA	0DD150009CA
288	D401	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
289	D402	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
290	D403	0DD410000AC	DIODE	RU4DS,LF-L1 SANKEN SANKEN	0DD410000AC
291	D404	0DD410000AD	DIODE	RU4AM,LF-L1 SANKEN SANKEN	0DD410000AD
292	D406	0DD060009AC	DIODE	TVR06J 0.6A/600V 250NS TP G.I	0DD060009AC
293	D407	0DD060009AC	DIODE	TVR06J 0.6A/600V 250NS TP G.I	0DD060009AC
294	D408	0DD400509AA	DIODE	1N4005 GP TA	0DD400509AA
295	D430	0DD150009CA	DIODE	RGP15J TA	0DD150009CA
296	D513	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
297	D516	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
298	D518	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
299	D519	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
300	D601	0DD470009AA	DIODE SCMOTTKY	BAT 47 TP	
301	D602	0DD470009AA	DIODE SCMOTTKY	BAT 47 TP	
302	D803	0DD100009AL	DIODE	EH-1ZV	0DD100009AL
303	D805	0DD100009AM	DIODE	EU1ZV,TP(52MM),SANKE	0DD100009AM
304	D806	0DD100009AM	DIODE	EU1ZV,TP(52MM),SANKE	0DD100009AM
305	D807	0DD060009AC	DIODE	TVR06J 0.6A/600V 250NS TP G.I	0DD060009AC
306	D821	0DD410000AD	DIODE	RU4AM,LF-L1 SANKEN SANKEN	0DD410000AD
307	D822	0DD410000AD	DIODE	RU4AM,LF-L1 SANKEN SANKEN	0DD410000AD
308	D823	0DD060009AC	DIODE	TVR06J 0.6A/600V 250NS TP G.I	0DD060009AC
309	D824	0DD060009AC	DIODE	TVR06J 0.6A/600V 250NS TP G.I	0DD060009AC
310	D825	0DD410000AD	DIODE	RU4AM,LF-L1 SANKEN SANKEN	0DD410000AD
311	D826	0DD060009AC	DIODE	TVR06J 0.6A/600V 250NS TP G.I	0DD060009AC
312	D827	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
313	D831	0DD110009DB	DIODE	RM11CV 1.2A/1000V 10	0DD110009DB
314	D832	0DD110009DB	DIODE	RM11CV 1.2A/1000V 10	0DD110009DB
315	D833	0DD110009DB	DIODE	RM11CV 1.2A/1000V 10	0DD110009DB
316	D834	0DD110009DB	DIODE	RM11CV 1.2A/1000V 10	0DD110009DB
317	D921	0DD247109AA	DIODE	1S2471DETECT,SW(26MM)TP ROHM	
318	D922	0DD400509AA	DIODE	1N4005 GP TA	0DD400509AA
319	D923	0DD400509AA	DIODE	1N4005 GP TA	0DD400509AA
320	D924	0DD247109AA	DIODE	1S2471DETECT,SW(26MM)TP ROHM	
321	D941	0DD247109AA	DIODE	1S2471DETECT,SW(26MM)TP ROHM	
322	D942	0DD400509AA	DIODE	1N4005 GP TA	0DD400509AA
323	D943	0DD400509AA	DIODE	1N4005 GP TA	0DD400509AA
324	D944	0DD247109AA	DIODE	1S2471DETECT,SW(26MM)TP ROHM	
325	D961	0DD247109AA	DIODE	1S2471DETECT,SW(26MM)TP ROHM	
326	D962	0DD400509AA	DIODE	1N4005 GP TA	0DD400509AA
327	D963	0DD400509AA	DIODE	1N4005 GP TA	0DD400509AA
328	D964	0DD247109AA	DIODE	1S2471DETECT,SW(26MM)TP ROHM	
329	D965	0DD400309AD	DIODE	IN4003A RECT K-ROHM TP	0DD400309AD
330	DS11	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
331	DS12	0DD414809ED	DIODE	(DS4148) TA	0DD414809ED
332	FB308	125-022K	CORE	FERRITE 1UH TAPING	125-022K
333	FB405	125-022K	CORE	FERRITE 1UH TAPING	125-022K
334	FB801	125-022K	CORE	FERRITE 1UH TAPING	125-022K
335	FB802	125-022K	CORE	FERRITE 1UH TAPING	125-022K
336	FB803	125-123A	CORE	FERRITE BFD3565R2F(TAPING)	125-123A
337	FB804	125-022K	CORE	FERRITE 1UH TAPING	125-022K
338	FB805	125-022K	CORE	FERRITE 1UH TAPING	125-022K
339	FR304	180-D02C	R,RNF RND(S) EQ	2W 0.47 J	
340	FR311	0RF0102H609	RESISTOR FUSIBLE	10 1/2W 5 TA52	0RF0102H609
341	FR410	180-D02E	R,RNF RND(S) CR	2W 1.0 J	
342	FR412	0RF0470H609	RESISTOR FUSIBLE	0.47 1/2W 5 TA52	0RF0470H609
343	FR413	0RF0470J607	RESISTOR,FUSIBLE	0.47 1W 5% TA62	0RF0470J607
344	FR414	0RF0470J607	RESISTOR,FUSIBLE	0.47 1W 5% TA62	0RF0470J607
345	FR416	0RF0470J607	RESISTOR,FUSIBLE	0.47 1W 5% TA62	0RF0470J607
346	FR628	180-D02C	R,RNF RND(S) EQ	2W 0.47 J	
347	FR801	180-D02C	R,RNF RND(S) EQ	2W 0.47 J	
348	FR802	180-D02C	R,RNF RND(S) EQ	2W 0.47 J	
349	FR803	131-096E	FUSE	MICRO 125V 4.0A	
350	FR901	180-D02E	R,RNF RND(S) CR	2W 1.0 J	
351	ICS11	0IIT341000H	IC,ITT	MSP3410D 52P,SDIP BK B4-VERSIO	
352	IC11	0ISS754200A	IC,SAMSUNG ELECTRONI	KA7542Z RESET TO92 T	
353	IC12	0ISO873805C	IC,SONY	LG8738-05C(CXP86441-509S) 52SD	
354	ICS12	0ISS754200A	IC,SAMSUNG ELECTRONI	KA7542Z RESET TO92 T	
355	ICS15	0IKE780800A	IC,KEC	KIA7808PI 3P(TO-220IS) 1A,8V	0IKE780800A
356	ICS16	0IKE780500K	IC,KEC	KIA7805PI 3P(TO-220IS) 5V,1A	0IKE780500K
357	ICS17	0ITF444500C	IC,TELEFUNKEN	TDA4445B 16P,DIP BK QPS PROCES	
358	IC20	0IAL240800A	IC, ATMEL	AT24C08-10PC 8D EEPROM(8K,IIC)	

359	IC201	0IGS381200A	IC, GOLDSTAR ELECTRON	GL3812(HA11518)	0IGS381200A
360	IC511	0IMA586000A	IC,MATSUSHITA	AN5860 14D ANALOG RG	0IMA586000A
361	IC512	0IPH837500A	IC,PHILIPS	TDA8375 56P,SDIP BK VCD&W/IF 1	
362	IC590	0IPH839530A	IC,PHILIPS	TDA8395P/N3 16DIP BK SECAM DET	
363	IC591	0IPH466550A	IC,PHILIPS	TDA4665/V5 16DIP BK 1H DELAY L	
364	IC801	0ISK670900A	IC,SANKEN	STR/S6709 9S SMPS-CNTR	0ISK670900A
365	IC802	0ISH123200B	IC,SHARP	PC123 FY2PHOTO COUPLER	
366	IC803	0ISK130000A	IC,SANKEN	SE130N 3P 130V ERROR AMP	
367	IC804	0IKE780500K	IC,KEC	KIA7805PI 3P(TO-220IS) 5V,1A	0IKE780500K
368	L11	0LA0561K119	INDUCTOR AXIAL LEAD	5.6UH K 2.3*3.4 TP	
369	L12	0LA0681K119	INDUCTOR AXIAL LEAD	6.8UH K 2.3*3.4 TP	
370	L12	0LA0821K119	INDUCTOR AXIAL LEAD	8.2UH K 2.3*3.4 TP	
371	L111	0LA0102K119	INDUCTOR AXIAL LEAD	10UH K 2.3*3.4 TP	
372	L115	0LA0222K119	INDUCTOR AXIAL LEAD	22UH K 2.3*3.4 TP	
373	L261	0RD0101F609	RESISTOR,FIXED CARBON FILM	1.0 1/6W 5 TA52	
374	L262	0RD0101F609	RESISTOR,FIXED CARBON FILM	1.0 1/6W 5 TA52	
375	L301	150-717J	COIL	CHOKE 560UH (E/W)	
376	L302	150-C02V	COIL	CHOKE 10UH R 1318	
377	L401	150-L02X	COIL,LINEARITY	15UH 0.12PHY 43.5TURN 14X15 .	
378	L402	0LA0102K139	INDUCTOR AXIAL LEAD	10UH K 4*10.5 TP	0LA0102K139
379	L511	0LA0681K119	INDUCTOR AXIAL LEAD	6.8UH K 2.3*3.4 TP	
380	L512	0LA0821K119	INDUCTOR AXIAL LEAD	8.2UH K 2.3*3.4 TP	
381	L513	0LA0102K119	INDUCTOR AXIAL LEAD	10UH K 2.3*3.4 TP	
382	L514	0LA0102K119	INDUCTOR AXIAL LEAD	10UH K 2.3*3.4 TP	
383	L518	150-E11K	COIL,IFT	VAR,07S 1C 38.0MHZ	
384	L590	0LA0102K119	INDUCTOR AXIAL LEAD	10UH K 2.3*3.4 TP	
385	L801	150-C02F	COIL	CHOKE 82UH R1217	150-C02F
386	L901	0LA0102K139	INDUCTOR AXIAL LEAD	10UH K 4*10.5 TP	0LA0102K139
387	L921	0LA1000K139	INDUCTOR AXIAL LEAD	100UH K 4*10.5 TP	
388	L941	0LA1000K139	INDUCTOR AXIAL LEAD	100UH K 4*10.5 TP	
389	L961	0LA1000K139	INDUCTOR AXIAL LEAD	100UH K 4*10.5 TP	
390	LS11	0LA0222K119	INDUCTOR AXIAL LEAD	22UH K 2.3*3.4 TP	
391	LS12	150-E08L	COIL	VAR,07S 1B 38.0MHZ	
392	LS13	0LA0102K119	INDUCTOR AXIAL LEAD	10UH K 2.3*3.4 TP	
393	LS14	0LA0102K119	INDUCTOR AXIAL LEAD	10UH K 2.3*3.4 TP	
394	LS15	0LA0102K119	INDUCTOR AXIAL LEAD	10UH K 2.3*3.4 TP	
395	LS16	0LA0102K119	INDUCTOR AXIAL LEAD	10UH K 2.3*3.4 TP	
396	P804B	387-A15A	CONNECTOR ASSY	ASSY,12P(L=100)	
397	P901B	387-B08H	CONNECTOR ASSY	8P SHIELD(450)IL-J TO IL-G	
398	P902B	387-A04G	CONNECTOR ASSY	ASSY,4P (L=400)	
399	PA11	106-047G	PRE-AMP	SBX2020-82 SONY 38.0KHZ MESH	
400	PJ230	380-392A	JACK	A/V IN-OUT(6P)	
401	PJ261	6613V00004B	JACK ASSY	3P	
402	Q11	0TR102009AB	TRANSISTOR	KRC102M,TP(KRC1202),KEC	0TR102009AB
403	Q12	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
404	Q13	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
405	Q17	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
406	Q68	0TR126609AA	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	
407	Q111	0TR102009AB	TRANSISTOR	KRC102M,TP(KRC1202),KEC	0TR102009AB
408	Q112	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
409	Q201	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
410	Q401	0TR322900AA	TRANSISTOR	KTC3229	0TR322900AA
411	Q511	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
412	Q512	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
413	Q513	0TR102009AB	TRANSISTOR	KRC102M,TP(KRC1202),KEC	0TR102009AB
414	Q517	0TR126609AA	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	
415	Q518	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
416	Q519	0TR126609AA	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	
417	Q520	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
418	Q522	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
419	Q525	0TR126609AA	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	
420	Q800	0TR385200AA	TRANSISTOR	2SC3852A SANKEN	0TR385200AA
421	Q802	0TR968000AA	TRANSISTOR	KTA968A-Y KEC	0TR508000EA
422	Q803	0TR322809AA	TRANSISTOR	KTC3228-0 TP(KTC2383),KEC	0TR322809AA
423	Q804	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
424	Q805	0TR322709AA	TRANSISTOR	KTC3227-Y,TP(KTC1627A),KEC	0TR322709AA
425	Q806	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
426	Q901	0TR126609AA	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	
427	Q921	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
428	Q923	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
429	Q924	0TR422009CB	TRANSISTOR	BF422L(AMMO)TO-92 TP PHILIPS	
430	Q925	0TR421009CB	TRANSISTOR	BF421L(AMMO)TO-92 TP PHILIPS	
431	Q941	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
432	Q943	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
433	Q944	0TR422009CB	TRANSISTOR	BF422L(AMMO)TO-92 TP PHILIPS	
434	Q945	0TR421009CB	TRANSISTOR	BF421L(AMMO)TO-92 TP PHILIPS	
435	Q961	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
436	Q963	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
437	Q964	0TR422009CB	TRANSISTOR	BF422L(AMMO)TO-92 TP PHILIPS	
438	Q965	0TR421009CB	TRANSISTOR	BF421L(AMMO)TO-92 TP PHILIPS	
439	QT75	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
440	QT76	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
441	QT77	0TR319809AA	TRANSISTOR	KTC3198-TP-Y (KTC1815)KEC	
442	R11	0RD3300F609	RESISTOR,FIXED CARBON FILM	330 1/6W 5 TA52	
443	R12	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
444	R13	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
445	R14	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
446	R15	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
447	R16	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
448	R17	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	

449	R18	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
450	R19	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
451	R20	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
452	R21	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
453	R22	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
454	R23	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
455	R24	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
456	R25	0RD3901F609	RESISTOR,FIXED CARBON FILM	3.9K 1/6W 5 TA52	
457	R26	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
458	R27	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
459	R28	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
460	R29	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
461	R30	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
462	R31	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
463	R33	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
464	R34	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
465	R35	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
466	R36	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
467	R37	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
468	R38	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
469	R39	0RD2201F609	RESISTOR,FIXED CARBON FILM	2.2K 1/6W 5 TA52	
470	R40	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
471	R41	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
472	R43	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
473	R44	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
474	R45	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
475	R46	0RD2201F609	RESISTOR,FIXED CARBON FILM	2.2K 1/6W 5 TA52	
476	R47	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
477	R48	0RD2201F609	RESISTOR,FIXED CARBON FILM	2.2K 1/6W 5 TA52	
478	R49	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
479	R50	0RD2201F609	RESISTOR,FIXED CARBON FILM	2.2K 1/6W 5 TA52	
480	R51	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
481	R52	0RD2201F609	RESISTOR,FIXED CARBON FILM	2.2K 1/6W 5 TA52	
482	R53	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
483	R58	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
484	R59	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
485	R61	0RD4700F609	RESISTOR,FIXED CARBON FILM	470 1/6W 5 TA52	
486	R62	0RD4700F609	RESISTOR,FIXED CARBON FILM	470 1/6W 5 TA52	
487	R63	0RD4700F609	RESISTOR,FIXED CARBON FILM	470 1/6W 5 TA52	
488	R65	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
489	R66	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
490	R67	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
491	R68	0RD1500F609	RESISTOR,FIXED CARBON FILM	150 1/6W 5 TA52	
492	R69	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
493	R70	0RD6802F609	RESISTOR,FIXED CARBON FILM	68K 1/6W 5 TA52	
494	R71	0RD3301F609	RESISTOR,FIXED CARBON FILM	3.3K 1/6W 5 TA52	
495	R72	0RD3301F609	RESISTOR,FIXED CARBON FILM	3.3K 1/6W 5 TA52	
496	R73	0RD3301F609	RESISTOR,FIXED CARBON FILM	3.3K 1/6W 5 TA52	
497	R78	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
498	R79	0RD1200F609	RESISTOR,FIXED CARBON FILM	120 1/6W 5 TA52	
499	R81	0CX1300K419	CAPACITOR TUBULA(T.C)	13P 50V J C TA52	
500	R81	0RD5100F609	RESISTOR,FIXED CARBON FILM	510 1/6W 5 TA52	
501	R83	0RD3300F609	RESISTOR,FIXED CARBON FILM	330 1/6W 5 TA52	
502	R84	0RD2002F609	RESISTOR,FIXED CARBON FILM	20K 1/6W 5 TA52	
503	R92	0RD1800F609	RESISTOR,FIXED CARBON FILM	180 1/6W 5 TA52	
504	R111	0RD3900H609	RESISTOR,FIXED CARBON FILM	390 1/2W 5 TA52	
505	R112	0RD3900H609	RESISTOR,FIXED CARBON FILM	390 1/2W 5 TA52	
506	R113	0RD1501H609	RESISTOR,FIXED CARBON FILM	1.5K 1/2W 5 TA52	
507	R114	0RD5602F609	RESISTOR,FIXED CARBON FILM	56K 1/6W 5 TA52	
508	R115	0RD2201F609	RESISTOR,FIXED CARBON FILM	2.2K 1/6W 5 TA52	
509	R117	0RD5601F609	RESISTOR,FIXED CARBON FILM	5.6K 1/6W 5 TA52	
510	R118	0RD5601F609	RESISTOR,FIXED CARBON FILM	5.6K 1/6W 5 TA52	
511	R119	0RD5601F609	RESISTOR,FIXED CARBON FILM	5.6K 1/6W 5 TA52	
512	R120	0RD5601F609	RESISTOR,FIXED CARBON FILM	5.6K 1/6W 5 TA52	
513	R121	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
514	R122	0RD1202F609	RESISTOR,FIXED CARBON FILM	12K 1/6W 5 TA52	0RD1202F609
515	R123	0RD1802F609	RESISTOR,FIXED CARBON FILM	18K 1/6W 5 TA52	
516	R124	0RD7500F609	RESISTOR,FIXED CARBON FILM	750 1/6W 5 TA52	
517	R125	0RD7500F609	RESISTOR,FIXED CARBON FILM	750 1/6W 5 TA52	
518	R201	0RD1502F609	RESISTOR,FIXED CARBON FILM	15K 1/6W 5 TA52	
519	R201	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
520	R202	0RD1502F609	RESISTOR,FIXED CARBON FILM	15K 1/6W 5 TA52	
521	R202	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
522	R203	0RD1502F609	RESISTOR,FIXED CARBON FILM	15K 1/6W 5 TA52	
523	R203	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
524	R204	0RD1502F609	RESISTOR,FIXED CARBON FILM	15K 1/6W 5 TA52	
525	R204	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
526	R205	0RD1502F609	RESISTOR,FIXED CARBON FILM	15K 1/6W 5 TA52	
527	R205	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
528	R206	0RD1502F609	RESISTOR,FIXED CARBON FILM	15K 1/6W 5 TA52	
529	R206	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
530	R207	0RD0752F609	RESISTOR,FIXED CARBON FILM	75 1/6W 5 TA52	
531	R208	0RD0752F609	RESISTOR,FIXED CARBON FILM	75 1/6W 5 TA52	
532	R209	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
533	R210	0RN4702F409	R,METAL FILM	47K 1/6W 1%	
534	R211	0RN4702F409	R,METAL FILM	47K 1/6W 1%	
535	R212	0RD0102F609	RESISTOR,FIXED CARBON FILM	10 1/6W 5 TA52	
536	R213	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
537	R214	0RD8200F609	RESISTOR,FIXED CARBON FILM	820 1/6W 5 TA52	0RD8200F609
538	R215	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	

539	R216	0RD1800F609	RESISTOR,FIXED CARBON FILM	180 1/6W 5 TA52	
540	R217	0RD2000F609	RESISTOR,FIXED CARBON FILM	200 1/6W 5 TA52	
541	R218	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
542	R219	0RD0752F609	RESISTOR,FIXED CARBON FILM	75 1/6W 5 TA52	
543	R220	0RD0102F609	RESISTOR,FIXED CARBON FILM	10 1/6W 5 TA52	
544	R221	0RD1601F609	RESISTOR,FIXED CARBON FILM	1.6K 1/6W 5 TA52	
545	R222	0RD1601F609	RESISTOR,FIXED CARBON FILM	1.6K 1/6W 5 TA52	
546	R231	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
547	R232	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
548	R233	0RD0752F609	RESISTOR,FIXED CARBON FILM	75 1/6W 5 TA52	
549	R234	0RD2203F609	RESISTOR,FIXED CARBON FILM	220K 1/6W 5 TA52	
550	R235	0RD2203F609	RESISTOR,FIXED CARBON FILM	220K 1/6W 5 TA52	
551	R236	0RD0752F609	RESISTOR,FIXED CARBON FILM	75 1/6W 5 TA52	
552	R239	0RD2203F609	RESISTOR,FIXED CARBON FILM	220K 1/6W 5 TA52	
553	R240	0RD2203F609	RESISTOR,FIXED CARBON FILM	220K 1/6W 5 TA52	
554	R261	0RD2203F609	RESISTOR,FIXED CARBON FILM	220K 1/6W 5 TA52	
555	R262	0RD0752F609	RESISTOR,FIXED CARBON FILM	75 1/6W 5 TA52	
556	R263	0RD2203F609	RESISTOR,FIXED CARBON FILM	220K 1/6W 5 TA52	
557	R302	0RN0101J607	RESISTOR,FIX METAL FILM	1 1W 5% TA62	
558	R303	0RN3001F409	RESISTOR,FIX METAL FILM	3K 1/6W 1% TA52	
559	R305	0RD1201H609	RESISTOR,FIXED CARBON FILM	1.2K 1/2W 5 TA52	
560	R306	0RD0221H609	RESISTOR,FIXED CARBON FILM	2.2 1/2W 5 TA52	
561	R307	0RN6202F409	RESISTOR,FIX METAL FILM	62K 1/6W 1% TA52	
562	R309	0RS0202K607	R,METAL FILM OXIDE	20 2W 5%	
563	R310	0RS4701J607	RESISTOR,FIX METAL FILM OXIDE	4.70K 1W 5% TA62	
564	R312	0RS2702J607	RESISTOR,FIX METAL FILM OXIDE	27K 1W 5% TA62	0RS2702J607
565	R313	0RD5101F609	RESISTOR,FIXED CARBON FILM	5.1K 1/6W 5 TA52	
566	R330	0RD0221H609	RESISTOR,FIXED CARBON FILM	2.2 1/2W 5 TA52	
567	R331	0RS1500K607	RESISTOR,FIX METAL FILM OXIDE	150 2W 5% TA62	
568	R401	0RD4700F609	RESISTOR,FIXED CARBON FILM	470 1/6W 5 TA52	
569	R402	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
570	R403	0RS4701J607	RESISTOR,FIX METAL FILM OXIDE	4.70K 1W 5% TA62	
571	R404	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
572	R405	0RS6800J607	RESISTOR,FIX METAL FILM OXIDE	680 1W 5% TA62	
573	R407	0RD0222H609	RESISTOR,FIXED CARBON FILM	22 1/2W 5 TA52	
574	R409	0RD2203H609	RESISTOR,FIXED CARBON FILM	220K 1/2W 5 TA52	
575	R416	0RS8201J607	RESISTOR,FIX METAL FILM OXIDE	8.20K 1W 5% TA62	
576	R417	0RD6201F609	RESISTOR,FIXED CARBON FILM	6.2K 1/6W 5 TA52	
577	R418	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
578	R419	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
579	R420	0RD1001H609	RESISTOR,FIXED CARBON FILM	1.0K 1/2W 5 M15	
580	R430	0RS8200J607	RESISTOR,FIX METAL FILM OXIDE	820 1W 5% TA62	
581	R431	180-B01M	R,CEMENT RS RECT	S 5W 7.5K J	
582	R511	0RD0221H609	RESISTOR,FIXED CARBON FILM	2.2 1/2W 5 TA52	
583	R512	0RD0472F609	RESISTOR,FIXED CARBON FILM	47 1/6W 5 TA52	
584	R513	0RD1003F609	RESISTOR,FIXED CARBON FILM	100K 1/6W 5 TA52	
585	R514	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
586	R515	0RD1500F609	RESISTOR,FIXED CARBON FILM	150 1/6W 5 TA52	
587	R516	0RD2000F609	RESISTOR,FIXED CARBON FILM	200 1/6W 5 TA52	
588	R517	0RD8203F609	RESISTOR,FIXED CARBON FILM	820K 1/6W 5 TA52	
589	R518	0RD0752F609	RESISTOR,FIXED CARBON FILM	75 1/6W 5 TA52	
590	R519	0RD1500F609	RESISTOR,FIXED CARBON FILM	150 1/6W 5 TA52	
591	R520	0RD3001F609	RESISTOR,FIXED CARBON FILM	3.0K 1/6W 5 TA52	
592	R521	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
593	R523	0RD2202F609	RESISTOR,FIXED CARBON FILM	22K 1/6W 5 TA52	
594	R524	0RD2203F609	RESISTOR,FIXED CARBON FILM	220K 1/6W 5 TA52	
595	R525	0RD9102F609	RESISTOR,FIXED CARBON FILM	91K 1/6W 5 TA52	
596	R526	0RD1502F609	RESISTOR,FIXED CARBON FILM	15K 1/6W 5 TA52	
597	R527	0RN3902F409	RESISTOR,FIX METAL FILM	39K 1/6W 1% TA52	
598	R528	0RD1201F609	RESISTOR,FIXED CARBON FILM	1.2K 1/6W 5 TA52	
599	R534	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
600	R535	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
601	R536	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
602	R537	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
603	R538	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
604	R539	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
605	R540	0RD4700F609	RESISTOR,FIXED CARBON FILM	470 1/6W 5 TA52	
606	R541	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
607	R542	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
608	R543	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
609	R544	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
610	R545	0RD1203F609	RESISTOR,FIXED CARBON FILM	120K 1/6W 5 TA52	
611	R547	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
612	R548	0RD3300F609	RESISTOR,FIXED CARBON FILM	330 1/6W 5 TA52	
613	R549	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
614	R550	0RD1500F609	RESISTOR,FIXED CARBON FILM	150 1/6W 5 TA52	
615	R551	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
616	R552	0RD3900F609	RESISTOR,FIXED CARBON FILM	390 1/6W 5 TA52	
617	R556	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
618	R557	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
619	R558	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
620	R559	0RD3602F609	RESISTOR,FIXED CARBON FILM	36K 1/6W 5 TA52	
621	R561	0RD1600F609	RESISTOR,FIXED CARBON FILM	160 1/6W 5 TA52	
622	R562	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
623	R563	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
624	R564	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
625	R565	0RD2201F609	RESISTOR,FIXED CARBON FILM	2.2K 1/6W 5 TA52	
626	R566	0RD1600F609	RESISTOR,FIXED CARBON FILM	160 1/6W 5 TA52	
627	R571	0RD0102F609	RESISTOR,FIXED CARBON FILM	10 1/6W 5 TA52	
628	R572	0RD0102F609	RESISTOR,FIXED CARBON FILM	10 1/6W 5 TA52	

629	R573	0RD0102F609	RESISTOR,FIXED CARBON FILM	10 1/6W 5 TA52	
630	R574	0RD0221H609	RESISTOR,FIXED CARBON FILM	2.2 1/2W 5 TA52	
631	R575	0RD3001F609	RESISTOR,FIXED CARBON FILM	3.0K 1/6W 5 TA52	
632	R576	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
633	R582	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
634	R583	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
635	R590	0RD1500H609	RESISTOR,FIXED CARBON FILM	150 1/2W 5 TA52	
636	R620	0RD1201F609	RESISTOR,FIXED CARBON FILM	1.2K 1/6W 5 TA52	
637	R621	0RD1201F609	RESISTOR,FIXED CARBON FILM	1.2K 1/6W 5 TA52	
638	R622	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
639	R623	0RS0331H609	RESISTOR,FIX METAL FILM OXIDE	3.3 1/2W 5 TA52	
640	R626	0RD3302F609	RESISTOR,FIXED CARBON FILM	33K 1/6W 5 TA52	
641	R627	0RD3302F609	RESISTOR,FIXED CARBON FILM	33K 1/6W 5 TA52	
642	R629	0RS0331H609	RESISTOR,FIX METAL FILM OXIDE	3.3 1/2W 5 TA52	
643	R801	180-822M	R,RWR	15W 1.0 OHM J	180-822M
644	R802	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
645	R804	0RD1000H609	RESISTOR,FIXED CARBON FILM	100 1/2W 5 TA52	
646	R805	0RS2202K607	RESISTOR,FIX METAL F	22K 2W 5% TA62	0RS2202K607
647	R806	0RS2202K607	RESISTOR,FIX METAL F	22K 2W 5% TA62	0RS2202K607
648	R807	180-A01D	R,RW ROUND	G 2W 0.16 J	
649	R808	0RS0202K607	R,METAL FILM OXIDE	20 2W 5%	
650	R809	0RN0680H609	RESISTOR FIX METAL FILM	0.68 1/2W 5 TA52	
651	R810	0RS0332K607	RESISTOR,FIX METAL FILM OXIDE	33 2W 5% TA62	0RS0332K607
652	R811	0RD2002H609	RESISTOR,FIXED CARBON FILM	20K 1/2W 5 TA52	
653	R812	0RD6801H609	RESISTOR,FIXED CARBON FILM	6.8K 1/2W 5 TA52	
654	R813	0RD2001F609	RESISTOR,FIXED CARBON FILM	2.0K 1/6W 5 TA52	
655	R814	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
656	R815	0RN0680H609	RESISTOR FIX METAL FILM	0.68 1/2W 5 TA52	
657	R816	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
658	R819	180-C02L	R,CARBON COMPOSITE	0.47MOHM 1/2 W 10%	
659	R820	0RD1001H609	RESISTOR,FIXED CARBON FILM	1.0K 1/2W 5 M15	
660	R822	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
661	R823	0RD4702F609	RESISTOR,FIXED CARBON FILM	47K 1/6W 5 TA52	
662	R825	0RD1002H609	RESISTOR,FIXED CARBON FILM	10K 1/2W 5 TA52	
663	R826	0RS0332J607	RESISTOR,FIX METAL FILM OXIDE	33 1W 5% TA62	
664	R827	0RD2001F609	RESISTOR,FIXED CARBON FILM	2.0K 1/6W 5 TA52	
665	R828	0RD7501F609	RESISTOR,FIXED CARBON FILM	7.5K 1/6W 5 TA52	
666	R830	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
667	R831	0RS1800J607	RESISTOR,FIX METAL FILM OXIDE	180 1W 5% TA62	
668	R833	0RD2002H609	RESISTOR,FIXED CARBON FILM	20K 1/2W 5 TA52	
669	R837	0RD4701F609	RESISTOR,FIXED CARBON FILM	4.7K 1/6W 5 TA52	
670	R838	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
671	R850	180-C02H	R,CARBON COMPOSIT	C12GK825V(RC 1/2W 8.2M K TA)	
672	R901	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
673	R902	0RD1201F609	RESISTOR,FIXED CARBON FILM	1.2K 1/6W 5 TA52	
674	R903	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
675	R904	0RD0562F609	RESISTOR,FIXED CARBON FILM	56 1/6W 5 TA52	
676	R905	0RD2000F609	RESISTOR,FIXED CARBON FILM	200 1/6W 5 TA52	
677	R908	0RD2003H609	RESISTOR,FIXED CARBON FILM	200K 1/2W 5 TA52	
678	R911	0RD3001F609	RESISTOR,FIXED CARBON FILM	3.0K 1/6W 5 TA52	
679	R912	0RD3001F609	RESISTOR,FIXED CARBON FILM	3.0K 1/6W 5 TA52	
680	R913	0RD3001F609	RESISTOR,FIXED CARBON FILM	3.0K 1/6W 5 TA52	
681	R921	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
682	R922	0RD0102F609	RESISTOR,FIXED CARBON FILM	10 1/6W 5 TA52	
683	R923	0RD2400F609	RESISTOR,FIXED CARBON FILM	240 1/6W 5 TA52	
684	R924	0RD2003F609	RESISTOR,FIXED CARBON FILM	200K 1/6W 5 TA52	
685	R925	0RS1001H609	RESISTOR,FIX METAL FILM OXIDE	1.0K 1/2W 5 TA52	
686	R926	0RS6801L667	RESISTOR,FIX METAL FILM OXIDE	6.8K 3W 5 SF30	
687	R927	0RD3300F609	RESISTOR,FIXED CARBON FILM	330 1/6W 5 TA52	
688	R928	0RS2200H609	RESISTOR,FIX METAL FILM OXIDE	220 1/2W 5 TA52	
689	R941	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
690	R942	0RD0102F609	RESISTOR,FIXED CARBON FILM	10 1/6W 5 TA52	
691	R943	0RD1500F609	RESISTOR,FIXED CARBON FILM	150 1/6W 5 TA52	
692	R944	0RD1803F609	RESISTOR,FIXED CARBON FILM	180K 1/6W 5 TA52	
693	R945	0RS1001H609	RESISTOR,FIX METAL FILM OXIDE	1.0K 1/2W 5 TA52	
694	R946	0RS6801L667	RESISTOR,FIX METAL FILM OXIDE	6.8K 3W 5 SF30	
695	R948	0RS2200H609	RESISTOR,FIX METAL FILM OXIDE	220 1/2W 5 TA52	
696	R950	0RD2204H609	RESISTOR,FIXED CARBON FILM	2.2M 1/2W 5 TA52	
697	R961	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
698	R962	0RD0102F609	RESISTOR,FIXED CARBON FILM	10 1/6W 5 TA52	
699	R963	0RD1500F609	RESISTOR,FIXED CARBON FILM	150 1/6W 5 TA52	
700	R964	0RD1803F609	RESISTOR,FIXED CARBON FILM	180K 1/6W 5 TA52	
701	R965	0RS1001H609	RESISTOR,FIX METAL FILM OXIDE	1.0K 1/2W 5 TA52	
702	R966	0RS6801L667	RESISTOR,FIX METAL FILM OXIDE	6.8K 3W 5 SF30	
703	R968	0RS2200H609	RESISTOR,FIX METAL FILM OXIDE	220 1/2W 5 TA52	
704	RL801	141-018E	RELAY	DG12D1-0(M)-2 12V44MA	
705	RS22	0RD0332H609	RESISTOR,FIXED CARBON FILM	33 1/2W 5 TA52	
706	RS23	0RD0472H609	RESISTOR,FIXED CARBON FILM	47 1/2W 5 TA52	
707	RS24	0RD0472H609	RESISTOR,FIXED CARBON FILM	47 1/2W 5 TA52	
708	RS27	0RD2200F609	RESISTOR,FIXED CARBON FILM	220 1/6W 5 TA52	
709	RS28	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
710	RS39	0RD1002F609	RESISTOR,FIXED CARBON FILM	10K 1/6W 5 TA52	0RD1002F609
711	RS40	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
712	RS41	0RD1000F609	RESISTOR,FIXED CARBON FILM	100 1/6W 5 TA52	0RD1000F609
713	RS42	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
714	RS43	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
715	RT78	0RD2701F609	RESISTOR,FIXED CARBON FILM	2.7K 1/6W 5 TA52	
716	RT79	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
717	RT80	0RD3000F609	RESISTOR,FIXED CARBON FILM	300 1/6W 5 TA52	
718	RT81	0RD3000F609	RESISTOR,FIXED CARBON FILM	300 1/6W 5 TA52	

719	RT82	0RD3000F609	RESISTOR,FIXED CARBON FILM	300 1/6W 5 TA52	
720	RT86	0RD1001F609	RESISTOR,FIXED CARBON FILM	1.0K 1/6W 5 TA52	
721	SG901	165-004A	SPARK GAP	AG20PT 152F-L3N/S-23	
722	SK230	6612VJH008B	JACK,RCA	PJ6063B PARK ELEC 3P STEREO (2	
723	SK901	381-226D	SOCKET	CPT PCS628-01S/LESS BULK(NO5)	381-226D
724	SW11	140-315A	SWITCH	TACT 4LEAD 160g H4.75mmVERT TA	
725	SW12	140-315A	SWITCH	TACT 4LEAD 160g H4.75mmVERT TA	
726	SW13	140-315A	SWITCH	TACT 4LEAD 160g H4.75mmVERT TA	
727	SW14	140-315A	SWITCH	TACT 4LEAD 160g H4.75mmVERT TA	
728	SW15	140-315A	SWITCH	TACT 4LEAD 160g H4.75mmVERT TA	
729	SW16	140-315A	SWITCH	TACT 4LEAD 160g H4.75mmVERT TA	
730	SW801	6600VM2001A	SWITCH,PUSH	POWER SDDFC3 4A/128A 250V	
731	T114	113-234E	TUNER	TUGG9-D07P LGEC PAL	113-234E
732	T406	6174Z-6229L	FBT (FLY BACK TRANSFORMER)	FTMPN11-D6229L	
733	T451	151-C02B	TRANSFORMER	H-DRIVE,EI-19,BULK	151-C02B
734	T514	166-C02D	FILTER	TRAP TPS6.0MB-TF21	166-C02D
735	T516	166-C04C	FILTER	TRAP TPWA02B-TF21(5.5/6.5)	
736	T519	166-C02B	FILTER	TRAP TPS4.5MB-TF21	166-C02B
737	T801	150-F06J	COIL	LINE FILTER SQE2930 18MH	
738	T803	151-B01F	TRANSFORMER,SMPS	EER4954 410UH MC-74A(CISPR-13)	
739	TH801	163-054F	THERMISTOR,PTC	J502P84D140M290Q JA HWA Q 220V	
740	X11	166-E05C	RESONATOR	RESO, CST8.00MTW-TF01	
741	X511	156-A01V	CRYSTAL	4.433619 SER.PF 80 OHM BULK	
742	X512	156-A01C	CRYSTAL	3.579545 90 OHM BULK	
743	XS11	156-A02M	CRYSTAL	18.432000 10PF 20 OHM BULK	156-A02M
744	Z111	166-A01E	FILTER	OFWK6266K	166-A01E
745	ZD111	0DZ330009BA	DIODE ZENER	HZT33 TP-02TE HITACHI	0DZ330009BA
746	ZD113	0DZ510009AB	DIODE ZENER	MTZ5.1B(TA)	0DZ510009AB
747	ZD305	0DZ240009BB	DIODE ZENER	Z24BL TA	0DZ240009BB
748	ZD306	0DZ110009AA	DIODE ZENER	Z11BM TA	0DZ110009AA
749	ZD402	0DZ750009AA	DIODE,ZENER	MTZ7.5B,TP(52MM),ROHM	0DZ750009AA
750	ZD405	0DZ820009AA	DIODE ZENER	MTZ8.2B TP ROHM-K	0DZ820009AA
751	ZD516	0DZ510009AB	DIODE ZENER	MTZ5.1B(TA)	0DZ510009AB
752	ZD517	0DZ510009AB	DIODE ZENER	MTZ5.1B(TA)	0DZ510009AB
753	ZD518	0DZ510009AB	DIODE ZENER	MTZ5.1B(TA)	0DZ510009AB
754	ZD590	0DZ510009AB	DIODE ZENER	MTZ5.1B(TA)	0DZ510009AB
755	ZD808	0DZ750009AA	DIODE,ZENER	MTZ7.5B,TP(52MM),ROHM	0DZ750009AA
756	ZD828	0DZ910009BA	DIODE ZENER	Z9.1B	0DZ910009BA
757	ZD901	0DZ750009AA	DIODE,ZENER	MTZ7.5B,TP(52MM),ROHM	0DZ750009AA
758	ZNR801	164-003D	VARISTOR	SVC 561D-14A	164-003D
759	ZS14	166-A01W	FILTER(CIRC),SAW	OFWK9252M SIEMENS	